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Ackerman, L.V.	289 2961	Altenkamp, D.	2183	Arthur, J.W.	1685	Banasik, Z.	2608
Ackerman, W.B.	520 1894	Alter, J.F.	521	Artis, H.P.	1784	Bandler, J.W.	281
Ackroyd, M.H.	1238 2741	Amara, M.	596	Arulpragasam, J.A.	1325	Bandyopadhyay, S.	969
Acree, A.T.	1038	Ambler, A.P.	3039	Arvillias, A.C.	2207	Banerjee, J.	2300
Adachi, A.	10 2709	Amer, P.D.	1768 2084	Arzbaeher, R.C.	1129	Bank, R.E.	729
Adamek, J.	900	Ames, W.G.	551	Asai, H.	3123	Banno, Y.	2457
Adams, F.P.	3529	Amiel, M.	3045	Asano, Y.	2659	Barakat, E.E.	1727
Adams, J.B.	1448	Amiot, L.W.	2363	Ashcroft, E.A.	897 2382	Barber, D.L.A.	3505
Adams, N.A.	1309 2283	Amkreutz, J.H.A.E.	2848	Ashford, J.H.	1736	Barch, R.L.	234
Adams, P.M.	1051	Amos, D.E.	3094 3107	Ashworth, G.R.	2826	Bard, Y.	1025 3470
Adams, S.E.	3237	Anceau, F.	2554	Asprey, P.I.	158	Bardos, A.	1390
Adams, W.W.	88	Anders, K.E.	1944	Aspvall, B.	468	Bardsley, D.J.	3603
Adamson, R.	308	Andersen, S.C.	1360	Assad, M.G.	268	Bareiss, E.H.	2465
Addyman, A.M.	3319	Anderson, B.	1895	Assche, F.J. van	829	Baribeau, M.A.	1434
Adeniyi, V.O.	1420	Anderson, K.K.	1994	Astolfi, M.	2730	Barker, P.G.	1650 2504
Adler, H.D.	2975	Anderson, R.H.	734	Aston, M.H.	2636	Barksdale, G.L.	1908
Adler, M.S.	230	Anderson, S.	3144	Atkins, D.E.	1063	Barkuloo, W.	1781
Adlion, W.R.	2271	Anderson, S.E.	3585	Atkins, M.S.	1457	Barlow, J.L.	2465
Ae, T.	907	Anderson, W.E.	2893	Atkinson, M.D.	1545	Barnard, S.T.	2407
Agarwal, V.K.	37 1502	Anderson, W.H.	3293	Atkinson, R.	1029	Barnden, J.A.	2088
.....	2116 2293	Anderson, W.L.	3286	Atkinson, R.R.	2534	Barnes, J.G.P.	2495
Aggarwal, S.	102	Anderssen, E.C.	175	Attia, M.H.	3584	Barnes, J.J.	3490 3495
Agin, G.	2019	Andow, P.K.	2976	Atwood, M.E.	183 879 2262	Barnett, G.O.	1448
Agin, G.J.	403	André, C.	25 2296	Aubin, R.	929 930	Barnett, W.J.	1149
Agrawal, M.K.	2770	André, E.	3515	Auerbach, K.	613	Baroody, A.J.	995
Agrawala, A.K.	1952	Andreae, P.	801	Auguin, M.	2296	Barr, R.C.	1740 1741 1742
.....	2574 2860	Andreasen, C.C.	1113	Aune, A.B.	2629	Barrelet, E.	2682
Agre, P.	2872	Andrew, A.M.	1552	Auslander, D.M.	775	Barrese, A.L.	777
Agui, T.	51	Andrews, D.M.	1312 2261	Austing, R.H.	1383 1778	Barrett, H.H.	1089
Aharonson, D.J.	1776		2286 3444	Autebert, J.M.	370	Barrett, J.D.	2345
Aho, A.V.	456	Andrews, M.C.	1941	Au-Yeung, H.S.	1003	Barrodale, I.	2176
Ahuja, N.	942 1202	Andronico, A.	3257 3261	Avdeeva, G.I.	925	Barron, J.M.	1651
.....	1203 2751	Andrus, P.M.	1276	Avenier, J.P.	576	Barrow, H.G.	403
Aillaud, J.P.	2577	Angelov, A.M.	2548	Averbukh, A.	117	Barry, J.G.	3613
Aird, C.L.	2051	Angluin, D.	3016	Avinio, D.D.	253	Barstow, D.R.	43
Aiso, H.	1939	Angus, J.E.	521	Avis, D.	1574	Bartezzaghi, E.	834
Aitken, R.	3258	Anness, D.L.	2642	Avriel, M.	2224 2345 2364	Barth, C.W.	1913
Aitjan, G.J.M.S.	401	Anouchi, A.	1116	Awaya, T.	3601	Barth, H.	2849
Akatsuka, T.	2653	Antonov, L.I.	2548	Aylward, A.J.	1320	Barton, D.	3089
Akers, L.A.	852	Antonsson, D.	229	Ayres, F.H.	1119	Barzilai, Z.	2199
Akita, K.	2686	Antwiler, L.	561	Ayscough, P.B.	3241	Basiladze, S.G.	2668
Akl, S.G.	486 1255 2806	Apostolakis, G.	2729	Azadivar, F.	3122	Basili, V.R.	1669 3338
Akritas, A.G.	890	Appel, J.	1138	Aziz, A.K.	3072	Bass, B.R.	3582
.....	1547 3409	Appelrath, H.J.	2490	Azzolini, M.C.	2674	Basu, S.K.	1295 1627
Akyel, C.	1141	Appelt, R.	3154			Batchelor, B.G.	3047
Alagar, V.S.	113 1853 2021	Apt, K.R.	22	Babad, Y.M.	3321	Batcher, K.E.	3199
Albano, A.	2823	Arafah, S.A.	1429	Babai, L.	1480 3347	Bateman, J.E.	2652
Albrecht, W.	262	Arai, E.	3489	Babich, A.F.	770	Bates, D.	826
Alcorn, F.S.	289 2961	Arambepola, B.	709	Babichev, A.V.	885	Batman, R.B.	2300

Batnitzky, S.	3293	Bezdek, J.C.	704	Bonvin, D.	3546	Brofferio, S.	1408
Batory, D.S.	481	Bezinvin, J.	2519	Book, R.V.	1181 1605	Broitman, M.D.	1010
Battarel, G.J.	1943	Bhat, K.V.S.	3014	Boor, C.de.	453 1229	Bromley, A.G.	554
Bauch, H.	952	Biancastelli, R.	2674	.....	1265 2764	Bronson, R.	1687 1688
Baud, M.	545	Biba, K.J.	1906	Boot, M.	2955	Brooks, N.B.	195
Baudelaire, P.	3537	Bibel, W.	47 3356	Booth, K.S.	2811	Brooks, R.	3292
Baudet, G.M.	3125	Biemann, K.	1401	Booth, T.L.	1649	Brooks, R.E.	1692
Bauer, M.A.	46	Biamond, J.	58	Borchert, H.	2689	Brossman, M.	2320
Baum, D.	2555	Biersack, J.P.	3607	Borchi, E.	2611	Brower, R.W.	1130
Baxter, P.D.	1116	Bijsl, A.	2945	Boreland, H.	2984	Brown, B.E.	2587
Bayer, R.	2045 2046	Billen, F.	2619	Börger, E.	2104	Brown, D.J.	3118
.....	2047 2215	Billings, S.A.	1419	Borison, H.L.	3595	Brown, E.F.	1965
Beaman, P.D.	1448	Bilton, J.M.	2295	Bork, A. ..	3248 3257 3262	Brown, F.M.	392 3355
Beatty, J.C. 319 2282 3026		Bini, D.	637 902	Bormann, A.R.	3493	Brown, G.G.	2228
Beatty, S.S.	2031	Binkley, D.P.	3548	Borst, M.A.	1899	Brown, I.	2660
Beaudet, P.	3359	Binst, P.Van.	2658	Bose, B.	381 2397	Brown, J.S.	1985 1986
Beauquier, J.	364	Birk, J.	932	Bose, B.K.	1717	Brown, K.Q.	1500
Beck, P.	2680	Birnbaum, D.	1976	Bosisio, R.G.	1141	Brown, M.	2970
Beck, G.A.	3603	Birrell, A.D.	3422	Bosman, A.	2928	Brown, M.B.	558
Beck, L.R.	1637 3328	Birta, L.G.	3127	Bossen, D.C.	3035	Brown, M.R. 985 1798 3406	
Bedini, R.	315	Bishnoi, P.R.	1699	Bougaut, B.	2152	Brown, R.L.	1608
Beech, D. 1664 1763 3319		Bishop, J.M.	276 1651	Boule, B.	1132	Brown, R.M.	70
Beeri, C.	3343	Bishop, P.G.	758	Boulin, C.	2581	Browne, J.C.	1931
Beister, J.	36	Biskup, J.	1246	Boulter, J.F.	939 941	Brownell, T.	932
Belzaie, M.	1754	Biswas, N.N.	386 1329	Boulton, P.I.P.	164	Brownlow, J.D.	2826
Belbot, E.F.	732	Bitner, J.R.	124	Bouma, H.	1765	Broy, M.	764 2724
Bell, A.E.	1351	Bjorland, B.	2670	Bounds, J.R.	2280	Brubaker, T.A.	2970
Beller, A.	2240	Bjork, L.E.	3256	Bourgeois, M.	2699	Bruck, H.von der.1297 3431	
Bellos, I.M.	3039	Bjorke, O.	282	Bourne, J.R.	1748	Brueere, A.	1138
Below, F.von.	1284	Blais, C.L.	302	Bourret, P.	2520	Bruestle, H.R.	2834
Belyakin, A.M.	2528	Blakley, G.R.	1780	Bouscatie, F.	2733	Bruinshorst, B.I.J. ..	767
Belytschko, T.	2003	Blanchard, D.K.	2354	Bousse, L.	553	Brujic, D.	3553
Ben-Ari, M.	1820 2401	Blankenbaker, J.V. ..	1045	Bouver, H.	2993	Bruner, J.D.	3200
Ben-arroyo, I.	1002	Blasi, J.M.De. 2586 3495		Bovet, D.P.	631	Brunner, P.J.	2530
Ben-Bassat, M.	667	Blatch, P.	1143 1458	Bowling, S.P.	872	Bruno, J.	1562
.....	1744 2137	Blattner, M.	1915	Boyarshinova, I.A. ..	2502	Bruns, R.	2601
Bender, E.A.	653	Blazewicz, J.	454	Boyarski, A.M.	737	Bruss, A.R.	2110
Ben-Dor, A.	1940	Blencoe, W.R.	1440	Boyarsky, A.	3291	Brussel, H.Van.	563
Benincasa, G.	2671	Blin, A.	2733 2948	Boyer, R.S.	49 114	Brutman, L.	2771 2789
Ben-Nathan, E.A.	2917	Blinn, J.F.	722	Boyle, J.M.	518 3167	Bruun, E.	3479
Bens, J.	139	Blodgett, J.A.	2753	Braaten, E.	950	Bryant, C.	593
Benson, A.	2164	Blokdijs, P.	2924	Bracchi, G.	703 2922	Brzozowski, J.A. 1169 2720	
Benson, J.P.	2261	Blonskis, J.	2641	Brady, S.W.	428	Buchanan, B.G. ..	864 1449
.....	2286 3444	Bloom, S.L. 884 1548 3394		Brainerd, W.S. 1031 3319		Buchegger, O.	1069
Bentley, J.L. 471 622 1581		Bloom, T.	1029	Bramble, J.H.	2769	Buckle, J.K.	835
... 2239 2302 2462 3115		Blount, M.L.	2561	Brandolini, A.577 578 2992		Budd, T.A.	1038 2883
Benyon, P.R.	121	Blum, M.	1794	Brandstadt, A.	641	Budgor, A.B.	2845
Benyon-Tinker, G. ...	1030	Blum, N.	2441	Brandwajn, A.	1955	Bui, T.	1585
Beraha, S.	828	Bo, K.	2072	Brandstad, M.A.	2271	Bull, G.M.	2510 3319
Berar, U.	1712	Boas, P.van E.	2101	Braun, L.	3255 3261	Bullis, K.	1947
Berg, H.K.	528	Bobrow, D.G.	1812	Braunacker, B.	935	Bulmer, A.R.	1301
Berg, L.	961	Bochmann, G.V.	211	Braunleder, B.	2888	Bultheel, A.	2792
Berg, N.J.	1090	Bodart, F.	833	Bravin, P.W.	1994	Buneman, P.	2858
Berg, R.A.	3511	Bodendorf, F.	466	Bray, O.H.	2300	Büning, H.K.	2104
Berger, A.E.	2776	Boehm, M.	3290	Brayton, R.K.	3577	Buning, P.G.	3509
Bergstra, J.A. 22 619 2098		Boeri, F.	25 2296	Bredeson, J.G.	2395	Burger, D.	1124
Berjak, M.	1370	Boesch, B.P.	1881	Breeding, K.J.	1972	Burger, M.J.	2841
Berliner, H.	41	Bogges, L.	2131	Breedlove, J.R.	2147	Burland, J.	2673
Berliner, H.J.	3038	Bogo, G.	3515	Brekss, I.	1146	Burnard, L.D.	179
Berman, L.	2093	Bohl, E.	1831	Breitbart, Y. ...	919 2090	Burnell, J.F. ..	1358 1409
Berman, W.J.	3273	Bohlender, G.	2496	Brenner, P.	958	Burnham, R.A.	3603
Berna, T.J.	1400	Böhm, C.	360 2710	Brent, R.P. 93 479 724 802		Burns, L.L.	2895
Bernard, J.E.	858	Bois, P.	2223	1481 2181 2455 3125 3267		Burrage, K. 2430 3387 3414	
Bernstein, P.A. 449 1275		Bokhoven, W.M.G.van. 1218		Breuer, M.A.	38 387	Burright, R.G.	1524
1571 1572 1573 1849 2255		Bolles, R.	2019	.....	1188 2121	Burruss, J.	3332
Bernus, P.	283	Bolles, R.C.	403	Breuil, D.	566	Burt, P.J.	3373
Berry, D.M.	1021	Bollinger, J.G.	1427	Brewer, J.E.	2307	Burton, F.W.	2819
Berson, T.A.	1908	Bonardo, F.	2786	Brezinski, C.	3074	Burton, W.	165
Bertossi, A.A.	2712	Bond, A.M.	3545	Bridges, G.D.	1324	Busch, J.R.	3429
Bertsekas, D.P.	550	Bond, J.E.	448	Brie, C.	249	Buschbeck, F.	2593
Best, E.	1294	Boneham, P.E.	1472	Briggs, F.A.	1823	Büsing, W.	2621
Betts, J.T.	3097 3106	Bonfield, D.J.	557	Britten, J.N.G.	1100	Butcher, J.C. ..	2430 3414
Bevan, R.T.	3447	Bongiovanni, G.	3119	Brocklehurst, E.R. ..	3138	Butler, G.F.	3185
Beyer, J.	2687	Bono, P.R.	2076	Brodie, M.L.	2472	Butscher, B.	2555
Beyn, W.J.	80	Bons, H.	3163 3164	Broekaert, A.	553	Buttelmann, W.	1808
Beynon, W.M.	2109	Bonuccelli, M.A.	631	Broekstra, G.	128	Bützer, P.L.	1411

Buzen, J.P.	1018 1053	Cavacoli, A.	1161	Chin, P.	3359	Colin, A.J.T.	2822
Bykat, A.	982	Cavanagh, E.	2980	Chin, Y.H.	1862	Colligan, M.B.	234
Byrd, J.A.	866	Cave, W.C.	2009	Chipman, F.H.	3414	Collins, S.M.	1129
Byrne, C.E.	2144	Cavers, J.K.	3227	Chittineni, C.B.	1207	Collofello, J.D.	517 2877
Byrne, D.J.	2144	Cazacu, P.G.	2490	Chiu, D.M.	1275	Colombo, A.G.	2977
Byrne, J.C.	2144	Celentano, A.	2527	Chiu, M.Y.	1089	Colton, K.W.	259 260 2057
Byrnes, J.L.	199	Celep, Z.	1734	Chlamtac, I.	1936	Comer, D.	2053
Bywater, R.E.H.	2204	Cellary, W.	495 2221	Chmura, L.	1393	Commons, G.J.	865
		Cellier, F.E.	101 1691	Cho, C.H.	1113	Compton, M.T.	2847
Cabanel, J.P.	3471	Cennamo, F.	2323	Cho, Y.	1553 2217	Conard, R.G.	1453
Cady, F.M.	2908	Centeno, K.	3300	Choquette, S.M.	3180 3446	Conetta, D.A.	2028
Cagley, E.M.	3273	Cerasano, S.P.	2954	Chow, C.K.	586	Conger, B.D.	1781
Cain, G.S.	2592	Cerullo, M.J.	3238	Chow, M.	1561	Conn, R.L.	203 2879
Calabrese, D.A.	1410	Chacharonis, A.	3522	Choy, L.A.	1432		2880 3457
Calahan, D.A.	551 700	Chadwick, W.H.	1425	Christensen, A.H.J.	96	Comers, R.W.	2138 3372
Caldarella, L.	2731	Chamberlain, S.G.	1349	Christiansen, J.	3069	Conrath, D.W.	3519 3534
Caldwell, H.G.	2055		3492	Christiansen, S.	1324	Constable, R.L.	1792
Caldwell, J.	2418	Chambers, J.A.	2338	Christie, L.G.	2028	Contesse, L.	2154
Caldwell, R.O.	1432	Chan, J.Y.	3490 3495	Christol, G.	625	Conti, R.C.	2028
Calingaert, P.	277	Chan, T.E.	2068	Chroust, G.	220 336 1330	Contini, S.	2730
Calise, A.J.	1092	Chan, W.M.	1250	Chowdhury, A.	567	Conway, D.E.	1368
Callender, E.D.	3443	Chand, D.R.	3433	Chu, J.T.	1519	Cook, A.J.	737
Calvetti, M.	3604	Chandra, A.K.	1794	Chu, Y.	1916	Cook, B.D.	2980
Campagne, J.P.	2918	Chandrasekaran, B.	1037	Chung, C.G.	3133	Cook, L.T.	3293
Campbell, G.D.	2262		2254	Chung, D.	612	Cook, P.N.	3293
Campbell, R.P.	1774	Chandry, K.M.	210 524 1044	Chung, K.M.	2445 2815 3136	Cook, R.P.	1671
Candy, J.V.	996		1485 3465	Chung, R.J.	1979	Cook, S.	2920
Canet, B.	2486	Chaney, T.J.	538	Chung, W.L.	1235	Cook, S.A.	3349
Cannon, E.R.	1916	Chang, C.L.	48	Church, T.	2939	Cook, W.A.	740
Cannon, S.R.	3589	Chang, D.M.	30	Ciborra, C.	2922	Cooke, C.H.	2354 3234
Canon, M.D.	1023	Chang, E.	1951	Cichelli, R.J.	766	Cooke, D.J.	2522
Capocaccia, F.	606	Chang, L.T.	3077	Ciftcioglu, O.	3600 3602	Cooper, A.	3246
Capovani, M.	637 902	Chang, S.K.	1579 1822	Ciment, M.	2776	Cooper, D.B.	57 2145
Capowski, J.J.	583	Chang, S.S.L.	3204	Cin, M.D.	3462	Cooper, D.C.	3129
Carbonneau, R.	2315	Chanson, S.T.	2563	Cindrich, I.	1088	Cooper, D.F.	2048
Card, S.K.	2369	Chapin, N.	1912	Cioffi, G.	20 2674	Cooper, J.R.A.	731
Carder, J.H.	3569	Chapman, D.W.	1348	Clair, D.C.St.	594	Cooper, R.E.M.	2311
Cargal, J.M.	3352	Char, B.W.	1596	Clare, V.R.	3294	Cope, J.E.	407
Carling, R.	490 2836 2837	Charnaya, I.S.	971	Clark, A.P.	811	Copper, R.	3507
Carlson, D.	77	Chatterjee, B.	1852	Clark, G.M.	1258	Corbett, F.J.	3507
Carlson, F.P.	1084	Chattergy, R.	221	Clark, K.L.	1005	Cordelli, M.	2674
Carlson, R.E.	1866	Chave, A.D.	3428	Clark, K.W.	1444	Cormack, G.	1529
Carlson, R.W.	1744	Chawla, M.M.	1223	Clark, N.B.	1958	Corneil, D.G.	1807
Carminati, E.	577 578 2992	Chebota, K.S.	2383	Clark, R.W.	599	Corsini, P.	130 3108
Carnino, A.	2733 2948	Cheek, B.	2193	Clarke, L.A.	756	Cory, W.E.	650
Carpenter, K.J.	1399	Chellappa, R.	1202	Clarke, M.	1468	Cosnard, M.Y.	2178
Carpenter, L.C.	722	Chen, C.H.	1525 1829	Clarkson, T.B.	3443	Costello, T.M.	402
Carpento, G.	1231		2150 2417	Claudio, D.M.	2377	Cote, P.	2315
Carrière, B.	2615	Chen, F.C.	1614	Clausen, K.	848	Cotsidas, T.	706
Carriagan, B.	5 7 9 145 185	Chen, I.N.	388	Claybrook, B.G.	2540	Cotterman, W.W.	1379
	193 202 233 436 746 803	Chen, J.	1525	Clayton, B.D.	1826	Cottis, R.A.	1320
	810 877 926 964 992 993	Chen, N.	932	Clayton, M.	2562	Cottrell, R.L.A.	937
	994 1066 1067 1068 1121	Chen, P.F.	943 1510	Clayton, P.D.	2031	Couch, J.L.	2962
	1122 1123 1191 1193 1228		2062 2362	Clemm, G.M.	3186	Coughran, W.M.	2068
	1339 1340 1352 1786 1787	Chen, T.Y.	2378	Clemons, E.K.	1855	Coulbeck, B.	3306
	1878 1879 1880 1930 2059	Chen, W.H.	860	Clemons, R.E.	750	Courbon, J.C.	2699
	2272 2273 2324 2325 2403	Chen, W.L.	3235	Clenshaw, C.W.	1876	Courvoisier, M.	796
	2484 2535 2536 2647 2648	Cheng, K.Y.	857	Cliff, R.A.	1343 1353	Cousineau, G.	3012
	2828 2829 2830 2869 2882	Cheng, R.C.H.	2451	Clymer, A.B.	3005 3006	Couvreux, M.	1133
	3216 3217 3218 3313 3314	Cheng, T.C.	857	Coates, J.H.	2770	Cowan, C.F.N.	1685
		Cheng, W.H.	1579	Cockayne, E.J.	1706	Cowell, D.F.	2857
Carrierson, C.L.	3502	Chenier, C.L.	1753	Codd, E.F.	459	Cowell, W.R.	2884
Carter, A.H.	327	Chentsov, V.M.	2708	Cody, W.J.	3145	Cox, E.B.	297 3594
Carter, C.	2671	Cherniavsky, J.C.	494	Coffee, T.P.	1846	Cox, J.F.	3529
Carter, G.C.	3104		905 2271	Coffey, E.R.	2831	Cox, L.A.	2891
Cartwright, R.	205	Chester, E.H.	3592	Cohen, E.I.	2249	Coy, W.	3035
Caruthers, W.	792	Chetty, P.R.K.	1693	Cohen, F.	2145	Crandall, M.G.	689 2165
Carver, M.B.	115 692	Cheung, R.C.	1662	Cohen, J.	754	Crane, R.K.	1449
Casanova, M.A.	449	Cheung, T.Y.	1237 3096 3120	Cohen, J.M.	3523	Crawford, A.E.	1934
Case, J.B.	2360	Chevance, R.J.	1943	Cohen, R.	1791	Crawford, C.R.	1140
Caseau, P.	728	Chia, C.Y.	1729 1730	Cohn, D.A.	1144	Crest in, J.P.	2071
Casey, M.E.	2413	Chiba, T.	3194	Cohn, H.	100	Crist, S.C.	1356 1400
Cash, J.R.	448 1220	Chilausky, R.L.	2734	Colangelo, R.	573	Crosija, P.	4581
	2163 2214 2785	Childers, D.G.	3421	Colbourn, C.J.	1166	Crocker, S.D.	2572
Casseday, M.W.	1090	Chin, F.Y.	1863 2449	Coleman, D.	3134	Croisdale, D.W.	1388
Castleman, K.R.	3287	Chin, J.S.	319	Coleman, M.G.	1376	Cros, P.	2520
Cathcart, R.	3609						

Crouch, J.	932	Davio, M.	2393 3034	Dietz, D.L.	2233	Durchholz, R.	2798
Crouzeix, M.	3383	Davis, A.L.	1942	Dietz, P.	2725	Duris, C.S.	1230
Crouzet, T.	2305	Davis, J.A.	1324	Dijkstra, E.W.	3135	Duske, J.	2716
Crouzet, Y.	2289	Davis, L.	1451	Dillard, C.A.	2236	Duval, J.P.	638
Crow, F.C.	1974	Davis, L.S.	2750 2752 3368	Dimas, A.	3512	Duvernoy, J.	346
Crowe, M.K.	2854	Davis, M.	1816 3295	Dimitrova, N.	968	Dwyer, B.	160
Crowe, P.	1320	Davis, R.	44	Dinger, G.L.	2894	Dwyer, S.J.	3293
Croz, J.Du.	219	Davis, R.E.	505	Director, S.W.	3577	Dwyer, T.H.	2851
Cruce, W.L.R.	583	Davis, W.H.	3510	Dittli, A.L.	2479	Dyar, J.D.	1976 1977
Cruse, D.W.	557	Dawson, F.T.	2985	Dittrich, S.	2195	Dyer, C.R.	1199 1213
Crutcher, H.L.	2481	Dawson, J.L.	3274	Dobbs, J.	2603	.....	2745 2748 3020
Cuer, M.	2045 2046 2047	Day, B.	163	Dobkin, D.P.	366	Dyson, T.	2694
Culik, K.	861	Day, J.	1056	.....	1478 1798 2092	Dzhafarov, A.G.	1070
Cull, P.	916	Day, J.D.	3067 3076	Dobosiewicz, W.	721 3112	Earl, M.J.	2912
Cullen, D.J.	1450	Day, S.A.	2932	Docchio, F.	2979	Earnshaw, R.A.	1072
Cullum, M.J.	2683	Dearing, V.A.	309	Dodd, S.	1459	Eastman, C.M.	2944
Cumming, P.D.	2913	Deb, A.	1558	Dodge, L.P.	3616	Easton, M.C.	1563
Cummings, I.M.	1929	Debabov, A.S.	1886	Dodson, W.D.	805	Eck, J.L.van.	855
Cunningham, R.T.	1526	Deboer, U.P.	2704	Doedel, E.J.	1227	Ecker, J.G.	2209 2343
Cupak, J.J.	1976	Dechambre, M.	1465	Doerr, J.A.	998	Eckert, D.	2562
Current, K.W.	1190	Decker, D.W.	954 2783	Dokken, T.	413	Eckhardt, D.E.	1059
.....	1966	Deen, S.M.	2802	Dolev, D.	358	Eckhardt, U.	1232
Currie, I.F.	3215	Degano, P.	2518	Dolmatov, S.L.	725	Edel, W.	222
Currie, J.R.	1432	Degen, W.	763	Dolotta, T.A.	1663	Eden, H.S.	3596
Currin, D.C.	276	Degenhardt, K.H.	2551	Domich, P.	1612	Eden, M.	3596
Curtis, B.	197 1899 2543	Dehl, G.	2350	Domin, V.A.	1062	Edwards, P.W.	3215
... 2874 2875 3451 3454		Dehnert, W.M.	2631	Donahoe, J.D.	2545	Efstathiou, J.	648 2914
Cury, J.E.	1755	Deimel, L.E.	1863	Donahue, J.	23	Eger, A.O.	1759
Cutler, R.B.	30	DeJong, G.F.	399	Dondes, P.A.	3365	Egyhazy, C.J.	2328
Cutrell, J.	3299 3300	Delahaye, J.P.	2180	Donnelly, J.	1283	Ehrenfeucht, A.	895 906
Cutsem, T.van.	2341	DeLand, E.C.	2960	Donnelly, J.E.	241	... 1171 1172 2717 3013	
Cvetkovic, V.	3555	Delattre, M.	2443	Donnelly, J.K.	1699	Ehrig, H.	2385
Cwynar, D.S.	1670	Delves, L.M.	2803	Doran, R.W.	2859	Ehrman, J.R.	2861
Cyre, W.R.	2346	Dembo, R.S.	2188 2191 2224	Doshi, M.H.	2549	Eidelson, A.F.	2850
Czaja, L.	643 2102 2714	Demecky, J.	2983	Dougalis, V.A.	1541 2435	Ein-Dor, P.	2329
		Demetrick, J.	1455	.....	2795 3063	Eisenstat, S.C.	776
Dadda, L.	3028	DeMillo, R.A.	776	Douglas, A.S.	3323 3538	Eklundh, J.O.	666 2743
Dahlstrand, I.	1616	.....	899 1038 2883	Doomeingts, G.	566	Elbra, R.A.	2997
.....	1622 3319	Demko, S.	74	Dowdy, L.W.	1952	Elcrat, A.R.	428
Dahmen, W.	1838 2781	Denham, J.	3260	Dower, G.E.	1746	Elden, L.	2788
Dalal, Y.K.	1017	Denning, D.E.	613 1154	Downs, T.	3576	El-Dessouki, O.I.	3111
Dale, A.G.	1241	.....	1471 3327	Downard, J.G.	3178	Elfving, T.	3064
Damatov, Y.M.	1065	Denning, P.J.	1053	Doyal, L.A.	3571	Elgot, C.C.	375 1548 3394
Danhof, K.J.	250	.....	1154 1302	Doyle, J.	394 1194 1815	El-Guebaly, S.	132
Daniele, C.J.	2342	Dennis, J.B.	520	Dreyfus, E.	2032	Eligulashvili, B.G.	976
Danielopoulos, S.D.	890	Dennis, J.E.	1607	Drongowski, P.J.	1907	El-Kareh, B.	3484
Daniels, B.K.	2897	Dennis, K.	3138	Drouli, R.	3471	Elkind, S.A.	3224
Danielsson, P.E.	229	Dennish, G.W.	1743	Du, H.C.	726	Ellacott, S.W.	406
.....	235 984	DeNoia, L.A.	743	Dube, R.P.	491	Elliot, D.	410
Danker, A.	69 3360	Deo, N.	19	Dubes, R.	62 2230	Elliot, G.	2149
Dao, T.T.	2393	Depiesse, G.	2658	Dubitzki, T.	942 1184	Elliot, G.L.	3354
D'Arcy, A.J.	1781	Derbenwick, G.F.	805	.....	1184 1185 1528 2148	Elliot, H.	2145
Dardy, H.D.	2980	Derigs, U.	1557	Dubois, O.	1133	Elliot, L.B.	2279
Darlington, J.	1005 2523	Dershowitz, N.	1492	Dubreuil, M.	291 3260	Ellis, C.	3532
Darveniza, M.	1431 1432	Dervisoglu, B.I.	2389	Dubus, D.	1503	Ellis, C.A.	2605
Darzentas, J.	2048	Desaive, C.	2030	Ducas, E.	1189	Ellis, C.S.	3155
Dasarathy, B.V.	664 1602	Deschizeaux, P.	2626	Duchemin, B.	2733	Ellis, G.	292
Dash, P.K.	3579	Desjardins, B.	2337	Duchene, J.	795	Ellis, M.J.	1463
Dastylar, D.	155	Desrochers, A.A.	1215	Düchting, W.	2350	El-Marsafawy, M.M.	1723
Dathe, D.	2798	Dessy, R.E.	3548	Duersch, R.R.	1697	El-Masri, R.	749
Datta, B.N.	77	Deusen, F.R. Van	1448	Duff, M.	3205	Elmqvist, K.A.	1987
Davall, P.W.	1726	Devijver, P.A.	2136	Duffy, N.M.	2998	Elovitz, H.S.	2531
Davenport, C.M.	735	Devroye, L.	3079	Dumas, J.M.	2513	Elschlager, R.	1028
Davenport, J.P.	940	DeWitt, D.J.	995	Dumas, P.	2921	El-Sherief, H.	1708
Davenport, M.D.	1744	Dewitte, J.	249	Dumas, P.J.	3527	El-Shirbeeny, E.H.T.	856
Davenport, R.A.	1267	Dexter, J.	332	Dumbri, A.C.	3497	Elspas, B.	1036
David, D.J.	1364 2299	Dey, S.K.	1221	Dumont, D.	75	Elvers, E.	2827
David, R.	2120 2399	Dezani-Ciancaglini, M.	360	Dunand, F.	1138	Elwell, D.	3597
Davida, G.I.	334	Diana, I.P.F.de.	3261	Duncan, F.G.	798 1378	Elyousfi, M.N.	842 844
Davidon, W.C.	1832	Diaz, F.U.	676	Duncan, G.	176	Elzas, M.S.	143 321
Davidson, E.S.	3196	Diaz, J.C.	408	Duncan, W.	1714	Elzer, P.F.	2498
Davies, A.C.	2487	Dijkhoven, S.	264	Dunham, C.B.	1140 2762	Emer, J.S.	1061
Davies, D.J.M.	3432	Dickinson, B.W.	698	Dunn, R.M.	2075	Emmelmann, K.	2583
Davies, D.L.	2413	Dickson, G.W.	840	Dupont, T.	1546	Emoto, S.E.	521
Davies, G.	3307	Dierckx, P.	3397	Duquesne, H.	2681	Encarnacao, J.	2074
Davies, N.R.	168	Dietmeyer, D.L.	2549	Duran, J.W.	1890		

Endo, I.	2679	Ferrari, M.	1243	Franta, W.R. ...	1158 1261	Garratt, P.W.	2600
Endo, T.	663	Ferreira, N.J.	2035	.....	1313 1936 1947	Garribba, S.	2732
Endrenyi, L.	3417	Fersnes, P.	3258	Fraser, C.W.	1245	Gars, J. Le.	212
Endrizzi, A.	1056	Fet, Y. I.	3223	Fraser, D.	440	Garside, G.R.	2796
Engel, G.L.	1383 1778	Feuer, A.R.	1918	Fraser, C.E.	3443	Garsik, M.	561
Engel, H.H.	3150	Few, P.C.	1440	Frederick, P.R.	2031	Gaskin, C.	543
Engelberg, G.P.	3202	Fich, F.E.	897 2720	Freeman, D.W.	996	Gass, S.I.	4
Engelfriet, J. ..	644 2095	Field, J.A.	3229	Freeman, H.	146	Gately, M.P.	705
Engquist, B.	868	Fienup, J.R.	1088	Freeman, H.A.	2300	Gathen, J. von zur ..	2388
Enright, W.H.	444	Filipski, A.J.	2135	Freeman, R.R.	1467	Gautschi, W.	437 451
Enslow, P.	1039 1910	Filman, R.E.	933	Freilung, R.	2906	Gay, D.M.	1607
Epton, M.A.	3384	Finance, J.P.	764	Fridman, F.J.	751	Gaynon, P.S.	2965
Erdoes, P.	3347	Fineberg, H.V.	1443	Friedell, M. 490 2836	2837	Gazzaniga, G.	3256
Ericksen, W.S.	2778	Finin, T.	2348	Friedman, A.	1003	Gear, C.W.	3130
Erkio, H.	2453	Finkel, R.A. 716 1856	1953	Friedman, A.D. 1188	2290	Gearing, H.W.G.	1095
Erman, L.D.	149 2740	Finlayson, B.A.	718	Fries, R.W.	2758	Geiger, W.	3158
Ernst, D.	2625	Finnin, G.R.	1971	Frisch, H.J.	2515	Geiser, E.A.	2028
Ernvall, J.	450	Fiorini, P.	848	Fritsch, F.N. ...	999 1866	Gekeler, E.	3392
Escudie, B.	1413	Fischer, C.N. ...	626 2506	Fritsche, E.	2515	Gelenbe, E.	442
Eskenazi, R.	404	Fischer, G.	2065	Fritz, D.H.	1023	Gennaro, J.L.	2031
Esmail, M.N.	1753	Fischer, M.J.	1410	Frogner, S.	2359	Gensch, G.	3256
Espejo, R.	2916	Fischer, P.C.	1494	Frohnman-Bentchkowsky, D.	3488	Genz, A.C.	960
Esterson, D.M. 3260	3262	Fischler, M.A.	403	.....	3149 3154	George, A.	1250
Estrin, G.	1938	Fisher, D.K.	2242	Fromm, G.	130 3108	.....	1864 3114 3415
Etiemble, D.	2304 2577	Fisher, D.L.	3319	Frosini, G.	2025	George, W.	1290
Evans, D.J.	464 1007	Fisher, E.R.	1091	Frost, J.D.	1432	George, W.A.	592
.....	2164 3082 3390	Fisher, P.S.	1239	Frowd, R.	2812	Georgin, J.P.	2948
Evans, J.W.	713	Fisher, R.N.	2855	Fry, J.P.	937	Gerhard, M.A.	156 489
Ewing, R.E.	85 2978	Fjeld, M.	1762	Fu, K.S.	3279	Gerhold, G.	3262 3263
		Flachs, G.M.	67 665	.....	1823 3053	Gerkens, R.M.	2007
Faccenda, W.	3507	Flajolet, P.	636 1491	Fuhrer, J.	3055	German, S.M.	207
Fadum, O.K.	3558	Flanders, D.A.	3237	Fujishima, K.	3483	Germano, G.	892
Faggin, F.	614	Flandrin, P.	1413	Fujiwara, H.	2400	Gerritsen, P.	1385
Fahmideh-Vojdani, A.R.		Fleahinger, B.J.	1134	Fukukawa, Y.	3480	Gerschen, W.	2029
.....	1719	Fletcher, J.G.	1027	Fulbright, D.C.	2481	Gertenbach, W.P.	2618
Faintich, M.B.	3312	.....	1615 2210	Funabashi, T.	1354	Gerver, J.L.	89
Fakhouri, S.Y.	1419	Flint, D.	1644	Funderlic, R.E.	741	Gevins, A.S.	3288
Faldella, E.	548 2592	Floutier, D.	35	Fung, F.K.	1331	Ghaderpanah, S.S.	98
Falk, R.S.	85	Fogarty, L.E.	3236	Funt, B.V.	2126	Ghahraman, D.E.	2412
Fallat, R.J.	296	Fok, K.S.	2449	Furchtrott, D.G. 742	2322	Ghani, N.	2314
Fallour, H.	2519	Foley, J.D. 155 2078	2079	Furtado, A.	703	Ghezzi, C.	2246 2527
Fal'lovich, M.A.	3340	Folk, R.M.	3587	Furui, S.	2746	Giambiasi, N.	2513
Fang, K.Y.	3031	Follett, R.	2259	Fyfe, A.R.	3603	Gibbings, D.	2652
Fanthome, A.	3269	Fontell, L.	1391			Gibbons, R.	3532
Faraone, L.	3496	Fontenier, G.	795	Gaertner, W.W. 1309	2283	Giddings, D.I.	3603
Farber, D.J.	1150	Forchien, P.	3251	Gaffney, P.W.	738	Giese, D.A.	1748
Färber, G.	2368	Fore, K.L.	2310	Gagne, S.	1132	Giesler, G.C.	841
Farlee, J.	516	Forester, C.K.	3508	Gaitanis, N.	33	Gifford, D.K.	3541
Farley, A.M.	2943	Forgues, P.M.	1131	Gajski, D.D.	1967	Giggi, R.A.	1325
Farr, W.W.	1359	Fornasini, E.	1591	Galand, C.	2609	Gilbert, A.L.	665
Farrar, F.A. ...	1111 3557	Fortune, S.	1487	Galiana, F.D.	1719	Gilbert, B.K.	2024
Fateev, A.Y.	3491	Fosberg, M.D.H.	310	Galiay, J.	2305	Gilbert, J.R.	3344
Fateman, R.J.	221	Fosdick, L.D.	1042	Galil, Z.	1569 1874	Gilbert, L.A.	2640
Fatheldin, M.T. 2064	2987	Foster, J.M.	3215	Galin, A.B.	3340	Gilchrist, R.W.	1149
Fatunla, S.O.	1543	Foster, K.A.	2251	Gallant, J.	2719	Giles, M.K.	665
Faugeras, O.D.	2406	Foster, P.P.	2673	Galley, S.W.	198	Gill, A.	1859
Faught, W.S.	2274	Fowlkes, E.B.	1918	Gallie, T.M.	1740	Gillies, D.F.	2857
Favre, A.	3055	Fox, J.B.	1757	.....	1741 1742	Gilmore, R.S.	3603
Favrel, J.	2918	Fox, L.	1226	Galloway, P.	2984	Giloi, W.	3048
Fayolle, G.	2219	Fox, P.A.	480	Gallup, V.L.	266	Giordana, A.	2674
Fearon, E.J.	3609	Fox, S.	1571	Galpin, J.S.	1271	Cirault, V.	303
Feast, G.M.	2451	Fraenkel, A.S.	2713	Gambart-Ducros, D. ..	3408	Giudice, S. del	3547
Feiertag, R.J.	1900	Frampton, L.C.	1656	Gamou, Y.	3483	Givone, D.D.	227
Feigenbaum, E.A. 864	1449	Francez, N.	1182	Gander, J.G.	2622	Gizdon, H.	923
Feldman, J.	2873	Franchi-Zannettacci, P.		Ganesh, H.	1582	Gjessing, S.	2516
Feldman, M.L.	3146	.....	2087	Gannon, C.	195	Gladwell, I.	465
Fell, C.	1758	Francois, R.E.	1084	Garcia, C.B.	3080	Glaseman, S.	3295
Fenchel, R.	1938	Frangakis, G.G.	707	Garcia, O.N.	3000	Glaser, D.A.	2962
Feng, T.Y.	1964 2278	Frank, S.G.F.	3603	Garcia-Molina, H. ...	1000	Glashoff, K.	3395
.....	3195 3208	Franke, H.W. 601 869	1145	Gardarin, G.	1875	Glass, R.L.	1917
Fenichel, R.M.	1415	... 1462 1760 1761	2050	Gardenes, E.	2450	Glazik, J.L.	1732
Fenner, D.	2179	... 2357 2358 2988	3304	Gardner, R.H.	317	Gleason, G.	2019
Ferguson, W.E.	2835	Frankel, R.E.	2276	Gardner, R.M.	3589	Gligor, V.D. 768 771	3430
Fernandes, L.F.V. ...	2410	Franklin, W.R.	1589	Garfinkel, D.	290	Glorioso, R.M.	1156
Ferragu, M.	2519	Fransen, A.	1536	Garibov, M.A.	1070	Glowinski, R.	597
Ferrari, D.	1767	Fransson, L.H.	2340	Garner, W.R.	565	Glushkov, V.M.	1022

Gmeiner, L.	2257	3162	Greenlie, J.K.	1448	Halfon, E.	313	Hatvany, J.	283
Gochet, W.	2209		Greenspan, D.	3298	Hall, C.A.	580	Hatzopoulos, M.	2821
Godfrey, P.J.	2060		Greenwood, J.R.	204	Hall, E.L.	1522 2413	Hauck, R.	935
Goecke, L.	3149	3151	Greibach, S.A.	1181	Hall, I.N.	301	Hauer, K.H.	3161
Goede, D.	262		Greig, D.M.	684 1842	Hall, K.L.	1781	Hausler, G.	1081
Goel, A.L.	1911	3440	Greilich, W.	603	Hall, R.	3299	Havel, I.M.	893 1479 1789
Goetz, J.	1081		Grencz, F.	1263	Hall, R.C.	997 2475	Haviland, C.L.	1315
Goheen, S.M.	356		Gribble, J.D.	2424	Halling, H.	2630	Hawgood, J.	648 2933
Gold, A.	1919		Gries, D.	2804	Halstead, R.H.	1060 1498	Hawkins, D.M.	1271
Gold, B.D.	1919		Griese, J.	3233	Ham, R.	1826	Hawryszkiewicz, I.T.	1240
Gold, C.L.	1474		Griewank, A.O.	3088	Hamachi, G.	536	Hawryszkiewicz, P.	3296
Goldberg, D.M.	292		Griffith, A.K.	1826	Hamala, M.	2160	Hayashi, T.	2020
Goldberg, J.	226 2889	3590	Griffith, P.	807	Hameon, J.	3515	Hayes, J.P.	920 1350 2398
Goldberg, M.	1131	1513	Grigoras, G.	362	Hamilton, M.	611	Hayes, L.J.	683
Golding, F.	2491		Grimes, R.G.	141	Hamlet, R.G.	1824	Hayes-Roth, F.	734 2740
Goldsack, S.	2630		Grindley, K.	836	Hammarling, S.J.	3139	Haziza, E.	1138
Goldschlager, L.M.	1504		Grislain, J.	566	Hammer, M.	1571	Head, A.K.	1253
Goldstein, D.S.	1455		Griswold, R.E.	1660	Hämmerlin, G.	1858	Head, T.	888
Goldstein, E.L.	2060		Gritzali, F.	2452	Hammerley, P.	1094 1098	Heath, M.T.	2068
Golitschek, M. von.	3061		Groen, F.C.A.	670	Hamori, M.	3261	Heath, P.M.	1468
Golsong, H.	351		Groenenboom, G.J.	1389	Hamstra, J.R.	2011	Hecht, C.	1750
Gomberg, G.R.A.	549		Grosse, E.H.	2068	Hand, W.	289 2961	Hecht, S.C.	3283
Gomeni, C.	3588		Grossman, G.R.	813	Handler, E.	1082	Hedetniemi, S.	1249
Gomeni, R.	3588		Grosswald, E.	72	Handler, W.	1321	Hedley, D.	2252
Gomide, F.A.C.	1755		Gruhnwald, W.	3008	Hankey, W.L.	3509	Heering, J.	2312
Gonnet, G.H.	752		Gruhn, D.	3190	Hanna, F.K.	346	Heggs, P.J.	1399
Gonzalez, T.	472 2711		Grüner, K.	2454	Hannah, M.J.	70	Hehner, E.C.R.	1559
Gonzalez, T.F.	1583		Gudenberg, J.W. von.	2423	Hansen, E.	2161	Heidergott, K.W.	1110 1422
Good, D.I.	1931		Gudes, E.	3 3322	Hansen, J.V.	1694	Heimerl, J.M.	1846
Good, P.A.	3616		Guedj, R.A.	2069 2365	Hansen, O.	3479	Heinrich, C.	2798
Goodman, B.	2348		Guerin, J.P.	2488	Hansen, P.	2443	Heintz, J.	2381
Goodman, N.	449 1571	1849	Guessarian, I.	639	Hansen, P.B.	1308	Heinz, D.M.	3499
Goodman, S.E.	1474		Guggenbuhl, W.	345	Hansen, S.	2966	Heiser, J.	3292
Goodwin, D.T.	1648		Guida, G.	1243	Hanson, A.R.	3361	Heiskanen, A.	2447
Gopalakrishna, V.	1590		Guile, R.W.	3557	Hanson, R.J.	3143	Heliard, J.C.	2485
Gordon, M.J.C.	171	1486	Gunn, H.I.E.	1012	Hara, M.	1354	Heller, H.	2215
Gordon, R.L.	1359		Günttner, R.	3071	Haralick, R.M.	2123	Heller, J.	2687
Gordon, S.K.	1089		Gunzenhauser, R.	3262		2149 3056 3354	Helmick, S.	1428
Gorlin, D.M.	2274		Gupta, G.K.	86 3121	Harandi, M.T.	181	Helsingaun, K.	2846
Gorman, J.W.	1700		Gupta, U.I.	21	Harary, F.	2096	Hembrough, F.	570
Gossart, C.	2393		Gurari, E.M.	642 911 1803	Hardgrave, W.T.	733 2440	Hemerik, C.	2253
Gostelow, K.P.	1961 3206		Gurd, J.	1954	Hardy, N.	2997	Hemker, P.W.	3420 3455
Gostin, G.B.	2774		Guseinov, N.L.	1070	Harel, D.	646 1170 2501	Henderson, P.B.	645 905
Göttfert, H.	3514		Gustavson, D.B.	617	Haring, G.	3009	Hendrick, P.L.	1142
Gottfeldt, P.	2684		Guttat, J.	1296	Harju, T.	913	Heninger, K.L.	1299
Gottlieb, D.	92		Gutzwiller, S.	2331	Harker, B.J.	1724	Henke, F.W.V.	207
Gouda, M.G.	2012		Guy, R.K.	679	Harland, D.M.	2521	Henley, E.J.	2934
Gouda, T.	1716		Gwyn, C.W.	3571	Harlow, C.A.	2138 3372	Henne, P.	3614
Goudas, C.L.	3535				Harmat, L.	541	Hennell, M.A.	2252 2529
Goundan, A.	920		Haar, T.H.V.	2970	Harms, U.	3128	Hennessy, M.C.B.	1495
Goutte, R.	3045		Haas, N.	2952	Harmuth, H.F.	673		2382 2735
Gowan, C.R.	1989		Haase, V.	2630	Harnett, R.M.	2351	Hennigan, K.B.	1363
Grabowski, J.	917 3017		Haase, V.H.	1924	Harney, R.C.	320	Henno, J.	652
Grady, W.M.	1428		Habaek, O.	1366	Harris, J.N.	2270	Henry, J.S.	1988
Gragg, W.B.	713		Habercom, G.E.	2344	Harris, T.J.	1617	Hermann, P.	1254
Graham, G.S.	1047			2361 3565	Harrison, E.A.	2969	Hermans, E.	2072
Graham, M.L.	1394		Hachtel, G.D.	3577	Harrison, L.	1127	Heron, K.	2314
Graham, R.L.	2097		Hackbusch, W.	1532 2195	Harrison, M.A.	893	Herot, C.F.	490 2836 2837
Granger, R.H.	2128		Hackstein, R.	1284	Harrison, P.C.	2309	Herron, G.J.	491
Grant, J.	981		Hader, K.P.	2156	Harrison, P.G.	1658	Hershey, J.E.	1809
Grant, P.W.	3024		Hadjidimos, A.	1222	Harstad, K.G.	3608	Hertweck, F.W.	1620 1639
Granum, E.	2651			2434 3090	Hart, J.M.	2715	Herzog, R.F.	2581
Grass, W.	2115		Hafner, C.	1254	Hart, W.D.	3311	Heske, A.	1557
Grattarola, M.	2030		Hagan, A.D.	1743	Hartenstein, R.W.	339 3482	Hesper, B.	293
Grael, C.	845 2609		Haggmark, L.G.	3607	Hartiel, D.J.	3378	Hess, J.	3007 3173
Graves, C.G.	3146		Hagis, P.	72	Hartley, A.F.	287	Heuft, R.W.	3197
Gray, P.V.	230		Hagiwara, H.	2552	Hartman, N.F.	248	Heusala, H.	1147
Gray, W.H.	159		Hagiwara, N.	2457	Hartmanis, J.	373 1497	Heute, U.	723
Greaves, W.	1475		Hague, S.J.	3152 3173	Hartmann, H.	2583	Hewitt, K.	3189
Green, M.W.	1036		Hain, T.C.	2965	Hartmann, W.	1177	Hewlett, C.	1468
Green, W.L.	1689		Hairer, E.	419 2427 3092	Harumoto, Y.	1716	Hewlett, F.W.	3481
Greenberg, H.	2151		Hajdukovic, M.	3436	Harvey, J.	3603	Heyliger, G.E.	2881
Greenberg, S.	254		Hajek, P.	357	Hashiguchi, K.	14	Hide, P.	1468
Greenfeld, N.R.	2352		Hakola, J.	2447	Haskell, R.	1658	Hiebert, K.L.	2820 2832
Greenlaw, R.C.	156 489		Halatsis, C.	33 2207	Hatsell, C.P.	2967	Higuchi, T.	1317
Greenlees, K.J.	588		Haley, J.R.	180	Hatton, T.A.	3543	Hikita, T.	11

Hilbrand, R.R.	589	Hopper, A.	547	Hynson, A.J.	2904	Jelinek, J.	209
Hildreth, E.	1214	Hopper, K.	1643	Ianev, K.D.	2548	Jende, M.S.	1625
Hilgers, J.W.	2784	Hopwood, A.G.	2912	Iasnogorodski, R. ...	2219	Jenden, D.J.	1705
Hill, D.D.	1026	Horacek, B.M.	1747	Ibarra, O.H. 642 911	1803	Jenkins, J.H.	1674
Hill, E.	1542	Horak, R.	2010	Ibbett, R.N.	1673	Jennings, R.S.	1466
Hill, G.A.	1753	Hord, R.M.	1821	Ichino, M.	934	Jensen, E.	3498
Hill, I.D.	95 131	Hori, R.	3494	Ideker, R.E.	1127	Jensen, E.D.	3473
.....	1013 1468 3319	Horiuchi, S.	3487	Ieda, N.	3489	Jensen, T.A.	3266
Hill, J.L.	2241	Horn, B.K.P.	1212	Igarashi, Y.	922	Jernstedt, C.G.	3253
Hill, J.S.	2553	Horner, T.S.	2791	Iizuka, H.	1939	Jerome, J.W.	2027
Hillman, C.E.	2025	Hornig, J.F.	3253	Iked, H.	455 1073	Jespers, P.G.A.	1197
Hilton, K.G.	2620	Horowitz, M.L.	1856	Iked, T.	134	Jesshope, C.R. ..	970 2467
Himmelblau, D.M. ...	2333	Horsley, T.R.	1017	Ikhaisimov, D.K. ...	1886	Jette, C.L.	190
Himmelsdorfer, E. ...	2616	Horspool, R.N.S. 1559	2844	Inaba, S.	2659	Jino, M.	1064
Hinchley, A.	813	Horst, R.	1252	Inagaki, Y.	2718 3485	Jittortrum, K.	2173
Hindley, R.	361	Horton, H.M.	1963	Inkol, R.J.	1349	Jobbagy, A.	2963
Hindmarsh, A.C.	3142	Horton, R.E.	1324	Inman, E.	1442	Jochum, P.	2355
Hinds, H.W.	2973	Horvath, P.	2665	Innis, G.S.	275 312	Joeckel, C.	254
Hines, R.E.	3570	Horward, J.L.	2341	Inose, H.	607	Johansen, P.	17
Hinojosa, S.M.	1982	Hoskins, W.D.	2433	Inoue, K. .. 907 2722	2726	Johansson, L.A.	533
Birata, K.	3489	Hosson, J.T.M.de. ...	477	Ioakimidis, N.I. 947	1217	Johansson, S.	3276
Hires, J.	1688	Hostetter, G.H.	2818	Ionescu, V.	1712	Johnarry, T.	1714
Hirokawa, T.	1721	Hotchin, M.J.	2663	Irons, E.T.	2052	Johnson, A.D.	1743
Hironaka, T.	1125	Hotz, G.	2100	Isaac, J.R.	1093	Johnson, D.B.	1583
Hirosaka, B.	1356	Houghton, R.J.	3484	Isaacs, G.L.	2773	Johnson, E.L.	1344
Hirose, J.	2457	House, R.	2247	Isaman, D.L.	2571	Johnson, H.R.	2300
Hirschberg, D.S.	1482	Housel, B.C.	475	Iselin, F.	2667	Johnson, J.R.	2947
Hirst, D.E.	1727	Houston, E.N. 438 462	2222	Iserles, A.	420	Johnson, M.R.	270
Hirst, F.	3296	Houwen, P.J.van der	2782	Ishihara, T.	3487	Johnson, R.G. ..	1102 3319
Hirzinger, G.	1273	.....	3379 3393	Ishikawa, H.	3480	Johnston, B.	62
Hisatsugu, T.	3480	Hovey, G.R.	1463	Ishomura, M.	2936	Joichi, J.T.	1555
Hitotumatu, H.	778	Howard, F.T.	2794	Itai, A.	1257	Joly, R.	1955
Ho, G.S.	3345	Howard, J.H.	1023	Itano, K.	1298	Jones, A.	3259
Ho, J.K.	1236	Howard, J.A. ... 1674	3202	Itoh, K.	3494	Jones, A.K.	2697
Ho, Y.C.	1275	Howden, W.E.	1636	Ivanov, K.	1655	Jones, C.B.	112
Hoare, C.A.R.	1182	Howe, J.A.M. 3260 3261	3264	Iverson, K.E.	2853	Jones, D.	2652
Hobbs, R.E.	1715	Howell, T.D.	1023	Iwamoto, T.	1721	Jones, D.J.	2613
Hoburg, J.F.	2946	Howkins, T.J.	181	Iwata, S.	10	Jones, G.D.	109
Hockey, S.	316 1464	Hoy, R.T.	3282	Iyer, R.K.	3576	Jones, H.E.	537
Boehne, K.H.	3290	Höyer, R.	2702	Jablonski, Z.	2593	Jones, J.	2298 2606
Boekstra, W.	1695	Hoyland, C.M.	2544	Jackowski, B.L.	891	Jones, J.E.	3448 3456
Hoff, D.	304	Hoyt, T.R. 1998	1999	Jackson, H.L.W. 1386	1469	Jones, J.H.	748
Hoff, M.E.	1327	Hsia, P. 780	1635	Jackson, K.	172	Jones, J.M.	2601
Hoffer, J.A.	3321	Hsiao, D.J.	1242	Jackson, K.R.	3101	Jones, J.W.	1562
Hoffman, D.	2356	Hsiao, D.K.	1885	Jackson, R. 1681	1976	Jones, M.I.	1087
Hoffman, S.C.	380	Hsieh, C.P.	2278	Jacqmin, N.E.	736	Jones, R.D.	997
Hofri, M.	2824	Hsiung, C.C.	2474	Jacques, M.	3254	Jones, S.	1476
Hofstetter, F.T.	3252	Hsu, S.	1524	Jaeger, R.C.	1156	Jones, S.E.	152
Hogeweg, P.	293	Huang, J.C.	3434	Jafari, H.	1984	Jones, W.T.	119 2843
Hohmann, V.	3272	Huang, J.W.	2446	Jaffe, J.M.	3401	Jonkers, H.B.M.	1011
Hoiem, B.E.	1410	Huang, S.C.	857	Jain, A.	2225	Jonsson, I.	2334
Hoirup, T.	2639	Huang, T.S.	3054	Jain, A.K. 135 2230	2349	Joseph, D.M.	2965
Holcombe, B.C. 1431	1432	Huber, H.	792	Jain, U.	1747	Jourdain, G.	140
Holgate, R.W.	1673	Hubert, A.	1346	Ja'Ja', J.	2711	Jovanic, S.	3399
Holland, P.	3134	Huckle, B.A.	1624	James, E.B.	1103	Joyner, S.A.	2060
Holloway, G.H.	751	Huen, W.H.	3111	James, P.	243	Juang, L.Y.	847
Holm, R.E.	1327	Huet, J.	2612	James, R.	1534	Judman, K.P.	336
Holmes, G.	3275	Huff, A.S. 831	837	James, R.M.	599	Jul, E.	2313
Holmes, R.B.	1613	Huff, S.L. 144 503 515	791	Jamet, P.	3087	Julio, S.De.	20
Holmes, V.	524	Hufnagel, S.P.	3030	Janev, K.	2512	Jullien, G.A. ...	213 3117
Holmes, W.	1311	Huggill, J.A.W.	1119	Jansen, P.G.	3228	Julliere, M.	1421
Holober, G.	3460	Huggins, E.R.	3253	Janssen, W.	262	Junemann, R.	568
Holt, A.W.	1341	Hughes, G.R.	2643	Jardine, D.A.	1618	Junkin, B.G.	871
Holt, C.M.	2862	Hughes, H.D. ... 2705	3011	Jarvinen, P.	1397	Justice, N.S.	1448
Honda, N.	2718	Hughes, P.	609	Jarvis, J.F.	851	Juul, T.	2685
Honeyman, P.	1600	Huits, M.	720	Jayakumar, V.	575	Juza, J.	2332
Hong, S.J.	3035	Hung, H.S.	2949	Jaynes, J.T.	3310	Kabe, S.	2659
Hong, T.H. 1213 2745	3362	Hunt, D.C.	2770	Jazayeri, M.	1904	Kaden, N.	3134
Hoog, F.R.de.	2419	Hunt, H.B. 1180	1792	Jefferson, D.	649	Kagstrom, B. ...	3093 3098
Hooper, J.A.	2181	Hunter, P.E.	2893	Jefferson, T.R.	2335	Kahan, W.	1274
Hooper, J.N.	183	Huntoon, A.H.	1677	Jeffrey, D.R.	3003	Kahaner, D.K.	3099
Hopcroft, J.	372 1487	Hurson, A.	1888	Jeffreys, P.W.	3603	Kahl, D.J.	68
Hopgood, F.R.A.	2070	Hwang, F.K.	1869	Jegou, Y.	2519	Kahn, S.	786 787 788
Hopkins, G.T.	1986	Hwang, J.C.	2190	Jelatis, G.D.	1313	Kain, R.Y.	1313
Hopkins, T.R.	416	Hwang, K. 1823	3207			Kaise, A.	2659
Hopp, T.H.	745	Hwang, K.A.	3230				

Kaiser, E.P.	1410	Keim, G.	874	Kiuchi, K.	3489	Kops, L.	3584
Kak, A.C.	1446	Keir, K.M.	142	Kjetsaa, G.	367	Koren, I.	1326 2288
Kalaba, R.	832	Keiser, H.N.	294	Klahr, P.	734 2274	Korf, R.E.	3041
Kalinichenko, L.A.	967	Keith, T.G.	3270	Klaschka, F.	574	Kornfeld, W.A.	2736
	2458	Kekre, H.B.	1406	Klatte, R.	2421 2422	Korseniowski, K.	2645
Kalli, H.	2733	Kellaway, P.	2025	Kleijnjen, J.P.C.	133 3004	Kosaraju, S.R.	2725
Kalyayev, A.V.	217	Keller, H.	3055	Klein, D.	1949	Kossovskii, V.G.	925
Kam, J.B.	334	Keller, H.B.	3065	Klein, E.	3049	Koszmider, A.	2645
Kamae, T.	463	Keller, J.H.	1935	Klein, P.	3027	Kousky, V.E.	2035
Kamat, P.S.	1556	Keller, R.M.	1948	Klein, R.D.	237	Kovacevic, L.	3399
Kambayashi, Y.	2020	Kelley, C.T.	954 2783	Klein, W.F.	1112	Kovach, K.R.	1608
Kameda, T.	986 1659	Kelley, R.	932	Kleine, H.	790	Kovalenko, N.N.	3504
Kamel, H.A.	1118	Kellogg, R.B.	412	Kleinrock, L.	816 1078	Kowalski, G.	3593
Kamel, M.S.	444	Kelly, I.D.K.	3168	Klema, V.	3134	Kozen, D.	1790 2380
Kameyama, A.	2659	Keiman, A.	2996	Klema, V.C.	1709	Kraemer, K.L.	259 260
Kamigaki, Y.	3494	Kemeyama, M.	1317	Klemm, R.	3308	Kraiss, F.	1710
Kammerer, J.	3153	Kemmerer, R.A.	1019 1210	Klessmann, H.	2583	Kral, E.L.	1087
Kamoun, F.	1078	Kemp, R.	2461	Klette, R.	1527 1611 2142	Kramarz, L.	2436
Kampe, M.	1926	Kenan, R.P.	248	Kline, C.S.	1777 1926	Kramer, J.	2630
Kan, A.H.G.R.	3341	Kendall, K.E.	2913	Kling, R.	257 1779 2371	Kramlich, D.	490 2836 2837
Kanade, T.	2139	Kendler, H.L.	3239	Kling, U.	2065	Kramshin, S.K.	2708
Kanakia, H.	1332	Kennelly, D.M.	2971	Klinger, A.	946	Krause, D.L.	3573
Kanal, L.N.	3367	Kent, S.A.	1645 2564	Klint, P.	1287 3453	Krawczyk, R.	2429
Kandool, B.F.	832	Kent, S.T.	613	Klir, G.J.	116 321	Krawczyk, T.	3019
Kanellakis, P.C.	2194	Kenward, P.D.	3139	Klomp, J.G.M.	572	Kregel, M.D.	1846
Kanetkar, S.V.	1174	Keohane, J.	905	Klonk, J.	581	Kreiss, H.O.	425
Kangassalo, H.	628	Keramidas, G.A.	3297	Klop, J.W.	619 2098	Kremleva, R.V.	2968
Kani, K.	571	Kermani, P.	816	Klove, K.L.	2137	Kremser, J.	568
Kannan, R.	127 719	Kerola, P.	2915	Klug, A.	147 991 3337	Kreth, M.	3395
Kansy, R.J.	2579	Kerr, I.H.	549	Klute, A.	804	Krishnamoorthy, M.S.	19
Kanou, K.	1716	Kessels, J.L.W.	501	Kluyver, C.A.de.	137	Krisnamurthy, E.V.	1611
Kanzow, J.	2594		2105 3228	Kneis, W.	2508		2142
Kapitonova, Y.V.	1022	Kettleborough, G.	3269	Knepper, J.C.	1700	Krishnaswamy, R.	1621
Kaplan, M.A.	772	Keuren, M.Van.	587	Kneser, T.	3272	Krister, V.	1713
Kaposi, A.A.	2857	Keziah, P.J.	2881	Kneuer, E.	2494	Kristiansen, E.	2610
Kapur, D.	3351	Khalid, M.	1406	Knijff, D.van der	620	Kritzinger, P.S.	1652 2507
Karhumaki, J.	889	Khalilov, A.I.	2466	Knoll, D.R.	1466	Krodel, J.R.	1111 3557
Karihaloo, B.L.	1733	Kidd, M.	3275	Knoll, M.G.	2894	Kroeber, D.W.	258 2326
Karita, Y.	2457 2659	Kiendl, H.	3556	Knorz, G.	109	Krogh, F.T.	87
Karlsen, L.K.	1752	Kierzek, J.	2608	Knowlton, K.C.	2050	Krogull, B.	2986
Karni, R.	828	Kim, C.E.	2196	Knuth, D.E.	2695	Kroll, R.I.	750
Karp, R.A.	173 207	Kim, H.H.	3311	Kobayashi, K.	3485	Kruesi, E.	3451
Karp, R.M.	125	Kim, S.K.	1433	Kobayashi, T.	463	Kruger, R.P.	3289
Karpenko, S.N.	2502	Kim, W.	1260	Kober, R.	245	Kruijer, H.S.M.	497
Karpovsky, M.	2117	Kimbleton, S.R.	1766	Koch, A.	2900	Krumland, R.B.	2005
Kartashev, S.I.	529 1937	Kime, C.R.	378	Koch, H.S.	3	Kruth, J.P.	563
Kartashev, S.P.	529 1937	Kimura, K.	3464	Kochhar, A.K.	3458	Kzesinski, A.E.	1652 2507
Kasai, T.	10	Kincaid, D.R.	141	Kocsis, A.	1390	Ktonas, P.Y.	3285
Kasai, T.	2709	King, J.C.	3435	Kodandapani, K.L.	924 3213	Kubiak, R.	891
Kascich, M.J.	820	King, K.N.	1799	Koenig, A.L.	1341	Kubo, T.	2653
Kashyap, R.L.	1202	King, M.C.F.	107	Koeplinger, G.	2544	Kubota, T.	3464
Kasprzak, J.	2645	King, P.J.	2937	Kogan, Y.A.	1010	Kucera, L.	2091
Kasulka, L.H.	2602	King, S.G.	3586	Kohler, R.	66	Kuck, D.	1891
Katayama, I.	3605	Kinicki, R.E.	1127	Kohn, M.C.	290	Kuck, D.J.	3201
Katen, H.J.ten.	1130	Kinoshita, K.	2400	Kok, H.	793	Kugler, H.J.	1642
Kato, Y.	2632	Kintala, C.M.R.	1494	Kokkinis, N.A.	3518	Kugler, K.P.	2438
Kato, T.	2659	Kiountouzis, E.A.	3520	Kokubu, A.	348	Kuh, E.S.	3567
Katti, C.P.	1223		3536	Kolb, H.J.	3209	Kuhn, M.H.	2744
Katto, H.	3494	Kioustelidis, J.B.	411	Kolbe, W.	3154 3159	Kulikowski, C.A.	3278
Katz, J.G.	2242		978 3086	Kolc, R.F.	3572	Kulkarni, K.G.	575
Katz, N.	1458	Kirby, M.D.	323	Koler, P.A.	1765	Kullas, D.A.	183
Katz, R.H.	1870	Kirby, R.L.	3365	Kolf, F.	2700	Kumahara, T.	2664
Katznelson, R.D.	3488	Kircanski, N.	3552	Kolliakowski, H.	3128	Kumar, B.	3196
Kaucher, E.	2379	Kirk, S.A.	2843	Kollias, J.G.	2821	Kumar, D.	867
Kaufman, H.	2747	Kirk, W.J.	3569	Kolodner, J.	398	Kumar, S.	418 3386
Kaufman, L.	443	Kirkpatrick, C.G.	230	Kolosov, B.I.	1886	Kumar, V.	720
Kautz, W.H.	226 2889	Kirkpatrick, D.G.	1807	Kolpakov, I.F.	2584 2675	Kundu, S.	467 2533
Kawaguchi, E.	663		2215	Koman, K.	2645	Kung, H.T.	802 2238
Kawamoto, H.	3494	Kita, Y.	348 1318	Komarov, A.L.	1452	...	2302 3125 3267 3402
Kawamoto, T.	2679	Kitai, R.	1049	Komorida, K.	349	Kunz, J.C.	290
Kayser, D.	2638	Kitajima, H.	1597	Komukai, T.	1721	Kurimoto, T.	3194
Kazakov, D.	706	Kitamura, T.	1969	Konevskii, B.I.	1080	Kurka, I.	1167
Kedem, G.	2182	Kitchen, L.	3365	Konishi, O.	2020	Kurth, R.B.	224
Kedem, Z.	702	Kitovich, V.V.	3491	Konrad, M.W.	2962	Kurzawski, R.	2007
Keedy, J.L.	498 1288	Kittler, J.	2136	Konrad, V.	2018	Kurtsch, J.A.	1993
Keene, S.J.	1115	Kittler, M.A.R.	164	Kopetz, H.	2556	Kurtsch, K.H.	1993

Kuzenko, V.K.	2497	Laws, K.I.	2416	Levi, P.	808	Lloyd, E.L.	1576
Kuzin, S.G.	2502	Lawson, H.W.	344	Levine, M.D.	3291	Lobodzinski, W.	2941
Kuzmich, W.	2641	Lawson, J.T.	590	Levine, P.	1359	Lobregt, S.	670
Kuznica, C.	245	Lawver, B.S.	2301	Levy, A.F.	3587	Locher, F.	1833
Kwan, S.C.	1605	Lazos, C.	214	Levy, L.	2858	Locke, M.H.	1400
Kwong, C.P.	811	Leach, D.M.	2533	Levy, P.G.	194	Locker, J.	1841
		Lear, W.M.	3141	Lewin, D.	531	Locy, D.A.	3573
Labetoulle, J.	2456	Leathers, B.L.	478	Lewis, A.	2524	Loetzsch, J.	177
LaCarna, R.J.	2947	Leavitt, J.A.	1442	Lewis, F.D.	2090	Logg, C.A.	737
Ladet, P.	2626	Leblanc, P.	3400	Lewis, G.N.	2819	Lohmann, A.W.	935
Ladner, R.E.	1600	LeBlanc, R.G.	2316	Lewis, G.R.	1988	Lohmeier, W.L.	1115
Laface, P.	1198 1523	LeBlanc, R.J.	2506	Lewis, H.R.	1151	Loizou, G.	714 3109 3381
Lafon, P.	287	Lebrun, M.	284	Lewis, P.C.	1997	Lomet, D.B.	2258
Lafue, G.M.E.	1848	Ledgard, H.	3324	Lewis, R.	3247	Long, R.H.	261
Lai, L.K.W.	1945	Lee, C.H.	1873	Lewis, T.G.	1984	Long, R.L.	234
Lai, S.T.	872	Lee, D.	739	Li, C.C.	3282	Longoni, A.	2979
Lala, J.H.	2001	Lee, D.T. 21 1501 1515	3416	Li, T.Y.	3080	Loomis, H.W.	1278
Lala, P.K.	2116	Lee, F.C.Y.	1426	Liang, F.M.	1861	Loosemore, K.	384
Lam, C.Y.	534 535 806	Lee, H.	1950	Lichtenstein, D.	1508	Lorenzo, C.F.	2342
Lam, S.S.	1682 2591	Lee, H.S.	1412	Lidor, G.	2174	Lorinczi, J.	129
Lamagna, E.A.	382	Lee, J.G.	977	Liebergot, H.L.	2292	Lory, P.	3070
Lamb, G.C.	3595	Lee, J.N.	1090	Lieberherr, K.	1493	Lotti, G.	637 3102
Lambird, B.	3367	Lee, J.S.	1512 1827	Lieberman, H.	3189	Loui, M.C.	3023
Lamdan, T.	3032	Lee, K.P.	1248	Lieberman, L.	3052	Loute, E.	1236
Lamport, L.	226 1593 2889	Lee, K.R.	3293	Lieflander, G.	1297	Love, T.	1899
Lampson, B.W.	1009	Lee, P.A.	2314	Lientz, B.P.	1164 1342	Lovett, F.A.	3603
Lamy, M.	296	Lee, R.C.T.	726	Liepins, G.E.	2483	Lovis, F.B.	3261
Land, F.	2933	Lees, F.P.	2976	Ligomenides, P.A.	3468	Low, M.D.	3029
Land, F.F.	1096	Leeuwen, J.van. .	352 644		3563	Lower, S.K.	3244 3256
Landa, S.	2049		1793 3018	Lillehagen, F.M.	2359	Lozinskii, E.L.	1872 2186
Landers, T.A.	1571	Lefevre, J.	288	Lim, J.S.	3371	Luca, A.de.	1496
Landgrebe, D.	2056	Lefkovits, H.C.	263	Lim, R.S.	1970	Lucas, M.	2071
Landrault, C.	2289	Lehman, M.M.	1030	Lima, R.J.	2363	Luccio, F.	2444 2445
Landré, J.M.	2733	Lehman, P.L.	3402	Limb, J.O.	3539		2815 2898 3119 3136
Landwehr, C.E.	3176	Lehmann, D.J.	1182	Limbourn, G.J.	1432	Lucena, C.J.	2505
Lane, J.M.	722 727	Lehnert, R.	2567	Lin, B.S.	1822	Lucena, C.J.P.	493 769
Lane, P.K.	3484	Lehnert, W.G.	400	Lindberg, D.A.B.	2960	Lucertini, M.	20
Lang, V.	1116	Lehovec, K.	544	Linde, R.R.	1919	Luchko, G.D.	2968
Lange, E.	2200	Lehtman, H.G.	786 787 788	Linden, C.A.	1490	Luckham, D.C.	207 3442
Lange, H.H.	1365 1991	Leighty, R.D.	1828	Lindgreen, P.	830	Ludwig, J.A.	3486
Langefors, B.	835	Leinbaugh, D.W.	1289	Lindsay, B.G.	768	Luebke, E.L.	2242
Langley, F.J.	1455	Leinwand, S.	3032	Lindstrom, G.	1948	Luegger, J.	3149 3151
Langmaack, J.	1173	Leipala, T.	236 710	Linero, J.M.T.	850		3159 3173
Lann, G.Le.	3516	Leiserson, C.E.	651	Ling, R.F.	1244	Luk, W.S.	983
Lano, R.J.	1470	Leiss, E.	1169	Links, L.H.	58	Lukacs, J.	2624
Lao, M.J.	973	Leith, E.N.	1085	Linnemann, V.	1014	Lundeberg, M.	827
Larkin, F.M.	2793	Leith, L.	2637	Linton, L.H.	2083	Lundin, L.R.	2763
Larmouth, J.	2285	Lemke, J.	1860	Lions, P.L.	430	Luniewski, A.W.	2569
Larsen, P.M.	2938	Lemkin, P.	585 587	Lipinski, H.	2054	Lupiewicz, S.M.	2028
Larsen, S.	338	Lemme, J.M.	2597	Lipis, A.H.	256	Luque, E.	1319
Larson, J.L.	3398	Lemoine, A.J.	4	Lipitakis, E.A.	3390	Lusk, E.J.	2919
Larson, P.A.	1282	Lemos, R.S.	826	Lipkin, L.	582 585 587	Luttermann, H.	3173
Lary, R.F.	1325	Lemut, E.	3251	Lipnick, E.H.	1744	Lutz, R.K.	2737
Lasdon, L.S.	2225	Lenahan, J.J.	1331	Lipo, T.A.	1717	Lyche, T.	413
Lassez, J.L.	620	Lengauer, T.	2727 3344	Lipovski, G.J.	1423	Lykos, P.	1785
Lastochkin, N.K.	1071	Lenstra, H.W.	367	Lipp, H.M.	383	Lynch, R.E.	1535 2222
Lataief, P.	855	Lenstra, J.K.	3341	Lippe, W.	1173	Lynch, W.C.	1017
Latif, M.	1744	Lentini, M.	3065	Lippman, A.	1075	Lyness, J.N.	693 960
Latteux, M.	369	Leon, J.S.	2760	Lipton, R.K.	3334	Lynn, C.	1914
Lattin, B.	523	Leonard, R.	2064 2987	Lipton, R.J.	366 761 776	Lyons, G.	446
Laub, A.J.	1709	Leopold, H.	2633		1038 1478 2883		
Laub, J.	536	Leppanen, M.	3562	Liskov, B.	1029	McBride, E.J.	1971
Laube, K.D.	1455	Lerallut, J.F.	795	Liskov, B.H.	760	McCall, J.A.	8
Lauber, R.	2373	Leriche, M.	2519	Little, F.F.	491	McCallum, D.	1574
Lauer, H.C.	1017	Lerman, L.	3575	Little, W.D.	3197	McCarthy, J.	205 395 1814
Laurie, D.P. 1268 2448	3424	Lesser, J.D.	1187	Littelwood, B.	3441		1819
Lavenberg, S.S.	1578	Lesser, V.R.	149 2740	Litz, L.E.	3299 3300	McCarthy, L.E.	3595
Laver, M.	3002	Letichevskii, A.A. .	1022		3301 3302	McCauley, E.J.	1907
Lavergnat, J.	1465	Leung, J.Y.T.	21 1554	Liu, B.	1083	McCracken, D.	1978
Lavine, D.	3367	Leung, K.V.	98	Liu, J.W.H.	1864 3114 3415	McCrorry, R.A.	2471
Lavrov, S.S.	1015	Leung, W.H.	3335	Liu, J.W.S.	1064 1982	McCune, B.P.	1988 3445
Lawler, E.L.	3341	Leven, D.	2439	Liu, K.Y.	2557	McDermid, M.C.	3215
Lawrence, J.	1612	Levenston, A.	558	Liu, M.K.	299	MacDonald, J.E.	1782
Lawrie, D.	1891	Leventhal, S.H.	2776	Liu, P.S.	2463	McDonnell, F.N.	2973
Lawrie, D.H.	3201	LeVeque, R.J.	713	Llorens, M.	1731	MacDougall, M.H.	1920

McDowell, M.R.C.	2048	Manber, U.	3211	Matsue, S.	3485	Meyers, J.C.	2904
Mace, D.J.	2309	Mancini, L.J. ..	2201 2220	Matsumoto, S.	1083	Meyers, R.	855
McElhaney, L.L.	2881	Mandrioli, D. ..	2246 2527	Matsushita, Y.	812	Meyer-Spasche, R.	83
McEliece, R.J.	2805	Manerko, Y.F.	976	Matyas, S.M.	559	Meyn, K.H.	949
McElroy, J.L.	299	Manley, J.H.	555	Mauersberger, W.	660	Mezzalana, L.	1161
McEwen, J.A.	2029	Mann, W.C.	2129	Maurer, H.A. 471 861	3025	Michaels, W.M.	1251
McGettrick, A.D.	2822	Manna, Z.	2284	Mavor, J.	1685	Michalski, R.S. 2402	2734
MacGregor, T.E.	206	Manning, E.G. ...	110 1598	Mawatar, H.	2457	Michard, J.	576
McGuffin, R.W.	526	Mannion, A.J.	1455	Maxson, E.	266	Michel, G.	2486
McGuire, J.	1143 1458	Manno, P.F.	3469	May, D.L.	1113	Michel, J.M.	1416
Mach, K.D.	150	Mano, T.	3489	May, T.H.	2753	Michelman, E.H.	1770
Machej, K.	1704	Mansi, L.S.A.	2204	Mayer, D.	2221	Michelotti, L.	1514
Machen, D.R.	2669	Manteuffel, T.A.	1538	Mayer, K.	2666	Mickey, F.T.	1144
Machi, A.	2710	Manula, C.V.	1751	Mayer, R.E.	252	Mickle, M.H.	977
Machura, M.	177	Mao, T.W.	1619	Mayr, H.C.	835	Middlebrook, R.D. ...	1693
McIlroy, M.D.	2285	Maral, G.	3408	Mayrhauser, A.A.von.	2257	Miel, G.J.	435 685
McJones, P.R.	1017	Marbot, R.	2682	Mazlack, L.J.	825	Miele, A.	2014
McKay, G.F.	2481	Marce, L.	1421	Mazurek, S.	1756	Mierop, D.van.	2572
McKee, J.M.	3271	Marchesini, G.	1591	Mazzone, S.	2898	Milask, L.J.	3146
McKee, S.	409	Marcotto, J.M.	3319	Mead, C.N.	1444	Milaszewicz, J.P. ...	2158
McKell, L.J.	1694	Marcum, A.M.	2480	Meals, L.K.	492	Milenkovic, C.	3399
McKissick, J.	1672	Marcus, L.	2572	Medvedev, V.I.	2528	Miller, A.R.	2042
McKnight, A.L.	880	Margerum, E.A.	3358	Meek, B.L.	1468 3319	Miller, J.R.	6
McKnight, J.G.	789	Margolis, D.L.	3583	Meek, D. ... 951 2780	3391	Miller, R.D.	1394
MacLean, D.W.	694	Mari, A.De.	324	Meenan, P.M.	1697	Miller, R.E.	899
McLean, R.S.	3245	Mariategui, F.J.	301	Meer, P.ter.	2972	Miller, R.L.	1361
..... 3258 3261		Marino, D.	2586	Meertens, L.G.L.T. ...	22	Miller, S.C.	1126
Macleod, I.D.G.	52	Maritsas, D.G. ..	707 2207	Meeson, R.N.	195	Miller, W.C.	213 2884
McMillan, E.M.	724	Markman, A.	1688	Meester, G.T.	1130	Milliman, P. ... 1899	2543
McMillen, R.J.	1956	Markowsky, G.	32	Megen, R.van. ... 3163	3164	 2874 2875	
McQuade, M.R.	2317	Marks, R.J.	1087	Mehlhorn, K.2183 2441	3407	Millin, D.	1371
McVerry, F.	811	Markus, M.L.	2008	Mehra, S.K.	1046	Milne, P.W.	207
Maddison, J.A.T.	1634	Marlow, B.K.	3047	Meijer, H.	2806	Milner, B.R.	306
Madhavan, C.E.V.	1590	Marock, J.	2926	Meisner, N.B.	3524	Milstein, J.	269
Madnick, S.E.	144 534	Marola, G.	2982	Mejzak, R.	254	Milthorpe, B.	3591
..... 535 791 806		Maron, N.	184	Mekly, L.J.	3438	Milton, D.R.	626
Madsen, J.	1638 1653	Marovac, N.	2844	Melamed, B.	108	Milutinovic, V.M. ...	242
Maes, R.	1847	Marquardt, M.B.	2473	Meller, C.	2206	Mindle, W.	2003
Maggetto, G.	855	Marques, R.	1731	Mellichamp, D.A. 3202	3546	Minnich, M.	253
Maggioli, V.J.	1711	Marr, D.	1214	Mellor, S.	1656	Minoli, D.	1404 1539
Maggiolini, P.	2922	Marrazi, A.	151	Melluish, D.M.	1377	 1540 1981	
Maggiolo-Schettini, A. 892		Marriott, I. 316 1464	2650	Melot, J.P.	3603	Minsky, N.H.	751
Magnee, F.	1056	Marsaglia, G.	711	Melville, R.	2804	Misra, J. ... 483 524	1485
Magnus, A.	288	Marshall, N.H.	2281	Menasce, D.A.	2203	Missen, J.I.	2116
Magnuson, R.A.	1040	Martens, X.M.	2153	Mendelbaum, H.G.	274	Missirlis, N.M.	3082
Magnusson, B.G.	843	 2184 2185		Mendelson, H.	2211	Mitchell, J.L.	1442
Magott, J.	927	Martensson, A.	229	Mendelson, A.O.	485	Mitchell, R.R.	296
Mah, C.P.	1739	Marti, J.T.	1531	Mendes, M.J.	1755	Mitchell, S.L. 1249	1575
Mahabala, H.N.	1516	Martin, A.J.	501	Menon, J.	1885	Mitiche, A.	2750
Maher, D.P.	1570 2772	Martin, D.H.	1002	Menten, L.E.	290	Mitoma, M.F.	1023
Maibaum, T.S.E.	2505	Martin, J.J.	3459	Menzies, R.W.	3579	Mitra, S.K. ... 1505	1506
Maier, F.	111 485 2719	Martin, J.S.	320	Mercier, B.	430	Mitrani, I.	2219
Maio, A.de.	834 2929	Martin, N.M.	3030	Mereday, R.	253	Mittelman, H.D.	3380
Maisl, H.	328	Martin, T.	2499	Merillat, P.D.	208	Mittmann, R.	2634
Maizel, J.	582 585	Martinelli, F.	2029	Merkel, W.	2551	Miyano, S.	2723
Majda, A.	689 2165	Martino, W.L.	3493	Merkin, R.	1461	Mizoguchi, R.	2460
Majewski, J.	2958	Martins, G.	734	Merkler, J.M.	3294	Modesitt, K.L.	2017
Majithia, J.C. ... 546	1046	Marx, G.	3001 3173	Merrill, C.	587	Modestino, J.W.	2758
Majster, M.E.	13	Maryanski, F.J. 1239	2442	Merrill, M.D.	3597	Moench, J.D.	3493
Makroglou, A. ... 427	2766	Mascarenhas, N.D.A. 2410		Merriman, D.B.	182	Mohanty, S.N.	1292
Malagardis, N.	2372	Masek, W.J.	2808	Mertens, P.	466	Mohibatsela, T.S. ...	1751
Malaiya, Y.K.	1957	Mashey, J.R.	1663	Merz, C.M.	266	Moir, C.I.	3215
Malanchuk, J.	2993	Masliyah, J.H.	867	Mesnard, G.	280	Moiseyeva, N.I.	2968
Malanowski, K.	1108	Mason, P.	2927	Messing, G.	2550	Mok, A.K.	1077
Malek, M.	2557	Masson, G.M.	37 1502	Messner, A.M.	1233	Mokhtar-Kharroubi, H. 678	
Malik, M.R.	600	 2291 2890		Mesztenyi, C.K.	2189	Mokler, A.	560
Malinkowski, K.	1109	Mast, C.Van der. ...	3262	Methlie, L.B.	2931	Molgaard, J.	338
Mallela, J.	2291	Masuda, H.	3494	Metropolis, N.	1004	Moll, H.F.	319
Mallick, J.A.	1437	Masuda, T.	765	Metsavirta, A.	3562	Möller, G.	3128
Malnberg, B.	229	Masuda, Y.	331	Metz, H.J.	3049	Moltino, M.H.	3251
Malos, J.	3603	Mathialagan, A.	1329	Metze, G.	918	Monaghan, B.M.	2973
Maly, K.	1261	Mathon, R.	371	Meyer, A.R.	2110	Monchaud, S.	527
Mamedkhalilov, S.U. ...	1070	Mathur, R.M. ... 1723	3579	Meyer, B.E.	839	Mondal, K.	1505 1506
Mamrak, S.A. ... 1768	2374	Matkin, D.I.	1736	Meyer, C.R.	1416	Monegato, G.	693
Man, H.De.	540	Matoba, T.	2664	Meyer, D.	2172	Monroe, R.M.	1960
Manacher, G.K.	972	Matricon, P.	2682	Meyer, J.F. ... 800 2322	2999	Monte, U.De.	848

Montgomery, A.Y.	474	1262	Murray, H.G.	1017	Neumann, P.G.	1900	2889	Offir, B.	3259		
Montgomery, D.C.	488	1453	Musa, J.D.	1922	Neumann, S.	1396		Ogata, A.	2664		
Montgomery, H.A.	2546		Muscatti, Z.A.H.	715	Neundorff, W.	824		Ogata, H.	3605		
Montminy, B.	2315		Musgrave, G.	326	Nevalainen, O.	236	450	Ogawa, T.	3489		
Moonen, J.	3265		Musmann, H.G.	3242	Nevatia, R.	1205		Ogor, R.	2519		
Mooney, J.W.	76		Musser, D.R.	1280	Neve, N.J.F.	3319		O'Grady, E.P.	1314		
Moore, D.M.	2950		Mussio, P.	2732	Newell, A.	1978	2369	Ohkawa, K.	348		
Moore, D.R.	1220		Mutel, J.	576	Newell, M.E.	2077		Ohkawa, S.	1073		
Moore, G.	3066		Muto, T.	2632	Newman, I.A.	1628	1646	Ohlsson, T.	229		
Moore, J.A.	2129		Muyzenberg, C.L.	Van den	Newman, J.C.	3533		Ohzone, T.	3487		
Moore, J.S.	49	114	2730		Newman, W.	3531		Okada, Y.	347	348	
Moore, L.	162		Muzio, J.C.	3029	Ng, E.W.	1550		Okamoto, K.	2936		
Moore, M.V.	569		Myers, D.A.	1998	1999	Ng, F.K.	1242	O'Kane, P.C.	1654		
Moore, R.C.	396		Myers, L.E.	3594	Ni, L.M.	3207		Okuda, T.	348		
Moore, R.E.	3086		Myers, T.C.	299	Ni, W.C.	3077		Okumoto, K.	1911		
Moore, R.G.	1699		Mylyla, R.	1147	Nibaldi, G.A.	552		Oldehoeft, A.E.	3160		
Moran, T.P.	2369		Mylopoulos, J.	2255	Nickel, K.	2420		O'Leary, D.P.	79		
Moravec, H.P.	525				Nicolae, G.C.	3290		Olerup, A.	2910		
More, J.J.	2178		Naffah, N.	3525	Nicolaidis, N.	3542		Oliver, J.	3375		
Morgan, D.E.	752		Nagahashi, H.	51	Nicolini, C.	2030		Oliver, G.C.	1444		
Morgan, D.R.	1850		Nagashima, Y.	2659	Nicoud, J.D.	3463		Oliver, P.	1897		
Morgen, P.	2685		Nagel, K.	136	Niedercoorn, J.H.	832		Olivié, H.	1594		
Morgenstern, J.	363		Nagel, R.N.	1204	Niedereichholz, J.	126		Olivier, W.P.	3245		
Morgera, S.D.	1a57		Nagle, H.T.	1322	Nielsen, J.	1287	3004	Olle, T.W.	3319		
Morhac, M.	2665		Nagy, D.	2644	Nielsen, J.K.	2610		Olloff, C.M.	588		
Mori, M.	3062		Nahin, P.J.	60	Nielsen, N.R.	1771		Olver, F.W.	1876		
Mori, R.	347	348	Nakagawa, T.	134	Nielsen, R.L.	2308		O'Neal, B.	1769		
Mori, R.De.	1523		Nakamura, A.	24	Nielson, G.	953		O'Neill, A.	610		
Mori, T.	1716		1186	2726	Niemann, H.	3046		O'Neill, P.	610	3004	
Moriconi, M.S.	1036		Nakamura, H.	1354	Nieniewski, M.J.	1427		O'Neill, R.P.	1251		
Morimoto, S.	1125		Nakamura, K.	390	Nievergelt, J.	912		O'Neill, R.V.	317		
Morisaki, M.	2089		Nakamura, T.	3480	Nigiyen, S.A.	2386		Ong, J.O.Y.	2934		
Morishita, I.	348		Naldi, F.	2732	Nijholt, A.	896	910	Ong, S.C.	1063		
Morling, R.C.S.	2592		Nancarrow, P.	3277	Nijssen, G.M.	829		Oomen, J.	584		
Morokuma, T.	1939		Nance, R.E.	555	Nikitina, L.I.	2968		Opfer, G.	3068		
Morozov, A.V.	2968		Nanya, T.	28	Nikityuk, N.M.	1065		Oppelland, H.J.	2700		
Morozov, B.A.	2662		Naoum, V.A.	616	Nishikawa, S.	348		Oppen, D.C.	1507	2127	
Morris, A.H.	2482		Naples, C.J.	2904	Nishioka, I.	3194		Orbon, S.	2601		
Morris, J.A.G.	3603		Napper, R.B.E.	2855	Nishiuchi, K.	3480		Orchard, R.	1688		
Morris, J.M.	499	1603	Narendra, P.M.	1513	Niswander, J.K.	3458		Oren, T.I.	103	321	
Morris, P.	3532		Narragon, E.A.	2971	Nitzan, D.	2019		Organick, E.I.	530		
Morris, R.	2		Nassibian, A.G.	3496	Noble, B.	2949		Orgass, R.J.	2537	2542	2896
Morris, R.T.J.	1983		Nassimi, D.	717	Noble, P.B.	3291		3180	3446	3449	3450
Morrison, E.M.	1373		Nat, M.van der	120	Noble, R.	253		Orloff, J.	1351		
Morrison, R.	1012		447	2192	Nocedal, J.	2825		O'Rourke, J.	104		
Morrison, W.H.	2905		Naude, G.	107	1183	Nocerino, J.T.	1143	1458	Orsini, R.	2823	
Mortari, G.P.	3604		Naumann, D.	2939	Noetzel, A.S.	180		Orzylowski, M.	2941		
Morton, P.	2960		Navabi, Z.	1118	Noga, M.T.	3131		OSborn, J.	675		
Moss, E.	1029		Navathe, S.B.	1860	2218	Nomokonov, P.V.	2662	Osborne, M.R.	431	2173	
Mott, T.H.	30		Navratil, V.	1024	Noonan, R.E.	3338		O'Shea, F.	2637		
Mouftah, H.T.	3222		Nawara, G.M.	2330	Norden, B.N.	1113		O'Shea, T.	3264		
Mueller, G.S.	1420		Nawrocki, L.H.	569	Norton, H.	2652		Osher, S.	868		
Mueller, P.T.	1210	1956	Naylor, M.W.	3587	Noshita, K.	778		Osman, I.M.	1877		
Muhlbacher, J.R.	220	682	Nebut, J.L.	2519	Notredame, P.H.	2511		Ossfeldt, B.E.	2334		
798	966	1378	Nedelec, J.C.	3385	Nowacki, H.	602		Ostertag, E.	595		
Mui, J.K.	3279		Needham, R.M.	3422	Nowicki, M.	2118		Ostertag, G.	1698		
Muir, J.F.	1632		Neely, R.B.	1906	Nowosad, K.	1109		Osterweil, L.J.	1041		
Muir, K.T.	2964		Nees, G.	2074	Nozaki, A.	11	904	1266	1043	2244	
Mukhopadhyay, A.	1888		Negroponte, N.	1075	Nugent, S.M.	3103	3152	Ostler, D.B.	2031		
Mulhall, D.J.	2957		Neiers, J.W.	1610	Nuriev, A.D.	1070		Ostrand, T.J.	173	174	2260
Muller, D.E.	15		Neithammer, W.	2166	Nussbaumer, H.J.	2807		Ostrowski, T.M.	223		
Müller, K.D.	2690		Nelson, A.J.	2839	Nutt, G.J.	2605		Otis, J.	2993		
Müller-Böling, D.	1		Nelson, D.P.	1743	Nuttall, A.H.	3104		Ottmann, T.	2800	3413	
Multer, R.H.	2016		Nelson, G.	1507	Nygård, K.	1101		Ouchida, W.	1276		
Mülthei, H.N.	1844		Nelson, P.	2353	Nyholm, R.A.	285		Oulsnam, G.	1623		
Mumford, E.	1097	2933	Nelson, T.J.	1347	Nyssen, M.	553		Ousterhout, J.K.	1079		
Munchmeyer, F.C.	602		Nemes, T.	2672				Ovadia, F.	2604		
Mundy, J.L.	2058		Neri, G.	548	2592	Oberman, R.M.M.	918	Ovenston, A.	3544		
Muniappan, K.	1049		Nesetrl, J.	2091	Oberreiter, W.	567		Overheu, D.L.	3303		
Munksgaard, N.	2226		Nestor, J.R.	2517	O'Brien, F.	3210		Overill, R.	1468		
Muntz, R.R.	1055	2203	Neto, A.R.	2013	O'Connell, J.S.	783		Owicki, S.S.	782	2541	
Murakami, H.	2457		Netto, A.B.	2390	O'Connell, S.	1683		Oxoby, G.J.	2901		
Muraki, P.	2632		Neumann, K.K.	1698	Oelschlägel, D.	2428		Oyamaguchi, M.	2718		
Muraledharan, K.A.	1438		Neumann, M.	3085	Oertel, W.	587		Oyanagi, S.	2552		
Muroga, S.	30		Neumann, P.	226	Oestreicher, D.	2037	2038	Oraki, H.	3194		

Pabich, R.	570	Paulish, D.J.	1946	Pironneau, O.	597	Pritsker, A.A.B. (cont.)	
Pacini, G.	2518	Paulus, E.	2578	Pitcher, N.	409	.....	265 1691
Pack, J.D.	487	Paun, G.	377	Pitkaranta, J.	73 412	Privitzer, E.	2003
Padua, D.A.	3201	Pavlidis, T.	2404	Placchi, A.	3604	Probst, D.K.	113 1453
Paetzold, W.	177	Pawlikowski, K.	814	Place, H.	1421	Proding, H.	365 1175
Pagan, F.G.	1901	Pawlita, P.	1153	Plaisted, D.A.	681	Profos, D.	1893
Page, E.W.	3033	Payne, F.R.	2321	Plane, F.	3264	Prooijen, J.P.A.van.	1162
Pagli, L.	2444	Peacock, J.K.	110 1598	Plasch, D.	2614	Proskurowski, A.	712
Paige, C.C.	1533	Peacock, R.D.	157	Plass, M.F.	468	Prowse, P.H.	1099 1102
Paisner, W.L.	1975	Pearl, J.	50 99 3037	Platt, R.C.	2965	Prudom, J.A.	2529
Paiva, M.	2026	Pearson, D.J.	1927	Plavsic, V.M.	984	Pruess, S.	71
Pak, P.S.	579	Pease, M.C.	591 1593	Plesken, W.	686 687 688	Prunet, F.	2513 2615
Paker, Y.	3331	Pedemonte, O.	3251	Plesnik, J.	635	Prusinkiewicz, P.	2813
Paldino, A.M.	295	Peeler, R.J.	1919	Pletcher, R.H.	600	Ptak, V.	696
Palframan, J.D.	2588	Peery, K.M.	3508	Plummer, R.	2054	Pudlak, P.	331
Palmer, L.A.	1962	Pegden, C.D.	178 705	Podmore, R.	1433	Pugh, J.	1016
Pan, V.Y.	1867	Pegels, C.C.	2913	Poehle, U.	3159	Pujolle, G.	728 1980 2456
Panayotounakos, D.E.	1728	Pelagatti, G.	703	Pogliano, U.	1114	Puk, R.	2601
Pang, J.S.	2923	Peled, A.	3051	Pohm, A.V.	1324	Pultr, A.	2091
Pangritz, H.	2655	Peleg, S.	42 674 2411	Pohst, M.	686 687 688	Pun, L.	566
Pankov, P.S.	725	Pellegrin, J.	249	Pokrovskii, O.N.	1071	Pun, T.	2409
Pansiot, J.J.	372	Penlosi, G.	2611	Polak, W.	173 3442	Purcell, S.C.	1017
Panuska, V.	1707	Penny, J.P.	1160	Pollard, J.M.	470	Purdy, R.J.	2656
Papachristou, C.A.	797	Penoyer, R.F.	3484	Polovka, W.M.	1693	Puri, V.K.	1744
Papadimitriou, C.H.	1277	Penzhorn, A.	318	Polster, F.J.	2256	Pursley, M.V.	1414
.....	2194	Pequeno, T.H.C.	493 769	Pomerance, C.	2790	Pusch, F.H.	3330 3566
Papadopoulos, G.	3503	Pereira, F.C.N.	2124	Poorten, A.J.van der.	2770	Puumalainen, P.	3615
Papaioannou, S.G.	272	Peretti, P.	360	Popek, G.J.	1019 1777	Pyle, I.C.	2525
Papaioannou, T.	3517	Perez, J.M.S.	850	.....	1926 2203	Pyster, A.B.	1621
Papakonstantinou, G.	2452	Perez, P.I.	67	Popescu-Zeletin, R.	2555	Quam, L.H.	403
.....	3169	Perkins, W.A.	659	Popoviciu, N.	1606	Quednau, H.D.	1896
Papatheodorou, T.S.	438	Perrin, D.	909	Popper, G.	1117	Querasser, E.	2566
.....	462 2222	Perros, H.G.	1074	Popplestone, R.J.	3039	Quere, A.	764
Pape, U.	2438 3100	Perrott, R.H.	1654	Popyack, J.L.	1608	Quillin, W.E.	325
Papp, G.	2644	Perry, D.G.	841	Porotskiy, S.M.	3491	Quinlan, J.R.	657 2125
Papp, N.	3285	Persson, M.	781 3057 3506	Porsching, T.A.	580	Quinton, S.	2652
Parbery, R.D.	1733	Peters, G.C.	2642	Porter, B.	271	Raab, B.H.	1387
Parchmann, R.	2716	Peters, S.C.	3134	Porter, G.A.	870	Raaf, A.J.de.	2676
Parent, M.S.	1448	Petersen, C.C.	2967	Porter, R.E.	3450	Rabany, M.	2562
Parfionov, A.N.	2668	Peterson, E.L.	2155 2157	Porter, W.A.	2396	Rabel, M.	1503
Parhami, B.	794	.....	2159 2167 2171	Portugal, L.D.	1744	Rabin, M.O.	1839
Pariseau, R.J.	1932 1933	Peterson, E.Y.	1010	Posch, B.	774	Rackoff, C.W.	3349
Parisien, B.R.	1139	Peterson, G.	2845	Posch, R.	1362 3009	Radatz, J.	536
Parker, A.C.	1335	Peterson, J.L.	3022	Posehn, M.R.	2242	Raffenetti, R.C.	2902
Parker, C.R.C.B.	2585 2661	Peterson, L.L.	2022 2033	Possin, G.E.	230	Raftopulo, Y.B.	2817
Parker, D.B.	267	Petit, J.F.	2918	Postaire, J.G.	2739	Rahier, M.C.	1197
Parker, D.S.	1328 3339	Petrenko, P.A.	3504	Postel, J.B.	240	Raith, M.	2425
Parkhill, D.F.	1783	Petrie, F.A.	3599	Potier, D.	3400	Raja, A.K.	1654
Parkhomenko, P.P.	3439	Petrie, G.L.	2356	Potra, F.A.	696	Rajagopalan, C.V.	1133
Parks, H.G.	230	Petroski, H.J.	1732	Pottosin, I.V.	2503	Rajaraman, V.	974 1256
Parks, R.E.	1089 3425	Petry, F.E.	780 1635	Poussot, R.	2681	Rajkovic, V.	648 2911
Parma, C.C.	3361	Peuziat, C.	2612	Powell, M.J.D.	458	Rali, L.B.	948 990
Parr, F.N.	2243	Pfaltz, J.L.	3273	Power, L.R.	1247	Ramamoorthy, C.V.	1854
Parsley, B.L.	786 787 788	Pfister, G.	198	Prabhala, B.	624	... 1937 3223 3335 3345	
Parsons, C.	322	Philip, J.	54	Pradhan, D.K.	924	Ramanathan, J.	1915
Parsy, J.P.	630	Philip, J.R.	2767	.....	2212 3213	Ramani, R.V.	1751
Parter, S.V.	695 2231	Philippakis, A.S.	3410	Prager, J.M.	661	Ramaswami, B.	3578
Parus, J.	2608	Phillips, C.L.	2336	Pramanik, S.	2052	Ramey, J.L.	504
Parzen, E.	3144	Phillips, G.M.	1224	Prasad, J.	417	Rampacher, H.	3521
Pasciak, J.	424	Phillips, J.	1028	Prasad, K.	1720	Ramsey, H.R.	183 879 2262
Pasman, W.J.A.	819	Phulpin, F.	3467	Prat, R.	527	Ramsey, L.T.	89
Passy, S.	1806	Piatkowski, T.F.	2559	Pratt, W.K.	2406	Ramshaw, L.	1491
Passy, U.	2162 2224	Picardi, A.C.	311	Pravil'shchikov, P.A.	3439	Ram"yalg, A.E.	2458
Patel, J.H.	1823 3193	Picken, D.J.	1440	Prenter, P.M.	1841	Rana, S.P.	1293 2287
Patterson, M.S.	2808 3027	Pickler, R.L.	2570	Preparata, F.P.	15 122	Ranade, S.	3365 3370
Pathan, G.M.	2433	Pieper, G.W.	821	Pressnar, D.B.	2319	Randall, J.E.	1764
Patil, S.	1948	Pigneur, Y.	833	Preston, K.	3280	Randolph, L.E.	1781
Patricio, F.	422	Pike, J.	3185	Price, H.C.	1157	Rantanen, R.	3615
Patterson, D.A.	1316	Pikelis, V.	2133	Price, R.A.	1672	Rao, K.	2140
Patton, P.C.	286	Pillai, K.P.P.	1438	Price, R.J.	1909	Rao, K.R.	987
Patton, R.N.	1433	Pincock, D.G.	2055	Price, T.E.	423	Rao, P.V.S.	2809
Patzelt, R.	2558 2989	Pinkus, A.	2771	Price, W.L.	549	Rao, S.	2694
Pau, L.F.	65	Pintelas, P.E.	2796	Priese, L.	26	Rao, T.R.N.	2397
Pauker, S.G.	1447	Piotrowski, Z.	2645	Prietula, M.	2939	Raoult, J.C.	636
Paul, G.	2321	Piper, J.	2651	Prini, G.	1300		
Paul, W.J.	915	Pippenger, N.	1795 2114	Pritsker, A.A.B.	178		

Rapp,A.	3559 3560 3561	Rice,M.L.	516	Rosen,B.K. 1647 2385 3342	Sacco,W.J.	3294
Rapp,H.	2672	Rich,C.	1304	Rosen,C.	Sachdev,M.S.	1434
Raptis,A.D.	2426	Richard,A.A.	2935	Rosen,C.A.	Sacks-Davis,R.	3101
Rasmuson,D.M.	2839	Richard,B.D.	997	Rosen,E.C.	Sada,E.	773
Rateb,M.M.	842 844	Richard,J.	2519	Rosenau,P.	Sadagopan,S.	2967
Rathke,C.	1738	Richards,J.	549	Rosenberg,A.E.	Sadeh,E.	1326 2288
Rathmill,K.	2064 2987	Richardson,L.D.	783	Rosenberg,A.L.	Sadjadi,F.A.	1522
Ratner,M.	2225	Richardson,T.G.	239	Rosenberg,S.	Saeed,K.	311
Ratschek,H.	2432 2759	Richer,I.	3550	Rosenbohm,W.	Safirstein,P.	1773
Ratz,H.C.	3229	Richerson,M.E.	2002	Rosenfeld,A.	Sagalowicz,D.	591
Raubold,E.	2589	Richey,E.	3284	... 672 674 940 942 944	Sagiv,Y.	456 485 1551
Raudys,S.	2133	Richter,L.	335	... 1185 1199 1203 1213	Saheban,F.	2290
Rault,J.C.	576	Rick,C.C.	464	... 1528 1824 2146 2148	Sahni,S.	717 1553
Rauscher,T.G.	1051	Rickers,H.C.	3469	... 2742 2743 2745 2751	... . . . .	1792 2217
Rautaharju,P.M.	1747	Riddell,I.J.	2803	... 2754 3360 3362 3364	Saidel,G.M.	3592
Raveling,P.	2039	Riddle,W.E.	170 759	... . . . .	Sakai,K.	2089
Raviart,P.A.	303	Rieckeheer,R.	3593	Rosenkranz,E.	Sakamura,K.	1939
Ravindran,A.	2967	Rieger,C.	2303	Rosenschein,S.J.	Sakurai,Y.	2457
...	3095 3124	Riesenfeld,R.F.	491	Rosenthal,R.I.	Salcic,Z.	3436
Rayner,D.	1626 1661	... . . . .	727 2359	Rosenthal,R.L.	Sale,A.H.J.	3319
Rayner,P.J.W.	709	Rigler,A.K.	594	Rosenzweig,W.	Salem,S.L.	2729
Rayward-Smith,V.J.	452	Rijckaert,M.J.	2153	Ross,L.	Sallantin,J.	669
...	1568	... . . . .	2184 2185	Rosser,J.B.	Salmon-Cinotti,T.	2592
Razouk,R.	1938	Rijssenbeek,M.	3604	Roth,J.A.	Salomaa,A.	3025
Re,E.Del.	2464	Riley,J.P.	1276	Roth,M.A.	Salomon,T.	548
Read,C.N.	2701	Ringuest,J.L.	2351	Roth,P.F.	Salza,S.	2674
Reason,C.J.	2684	Rink,A.	1286	Rothenberg,J.	Salzer,H.E.	3388
Reboul,A.	2615	Rinker,R.G.	3546	Rothnie,J.B.	Sameh,A.H.	3398
Rebicar,S.A.	1163 1477	Rinolfi,L.	2671	Rothon,N.M.	Samet,H.	928 1199 1200
Reddy,D.R.	2740	Ripley,K.L.	1444	Rotoloni,P.	... 1201 1211 1871 2749	
Reddy,S.M.	1973 2306	Ripoll,A.	1319	Roucos,S.E.	... 2755 2756 3369 3370	
Redell,D.D.	1009 1017	Riseman,E.M.	3361	Rouse,S.H. . . . .	... . . . .	2990
Reed,T.S.	1361	Risley,J.	1914	Rouse,W.B.	Sami,M.	341 2635
Reed,W.E. 1679 2607 3243		Rispoli,L.M.	342	Roux,M.N.Le.	Sammon,P.H.	2769
Reeker,L.H.	3166	Ritter,K.	3389	Roux,Y.Le.	Sampson,J.R.	291
Reeve,C.	1571	Rivest,R.L.	629 1804	Roy,J.K.	Sancha,T.L.2080 2081 2082	
Reeves,A.P.	1676 3200	Riviere,C.	1143 1458	Roy,L.	Sanchez,A.V.	850
Reeves,C.M.	166	Robach,C.	215	Rozenberg,G. 895 906 908	Sanderson,A.C.	3284
Reif,J.H.	1892	Roberts,D.E.	416	... 1171 1172 2717 3013	Sandner,G.	2032
Reifer,D.J.	2546	Roberts,F.D.K.	2176	Rozenberg,H.	Sands,G.A.	1774
Reihlen,H.	2370	Roberts,N.	1688	Rub,W.	Saniie,J.	3592
Reimherr,G.W.	231 809	Roberts,P.E.	539	Rubin,A.I.	Sankar,P.V.	64
... 1208 1209 2757 3396		Robertson,G.	1978	Rudnick,J.J.	Sankaran,R.	1438
Reinwald,L.	3170	Robertson,N.	3137	Rudolf,Z.	Santhanam,V.	1902
Reiser,A.	2215	Robertson,R.	2043 2044	Rudsinski,L.	Santoro,N.	1796
Reiser,M.	1578	Robey,D.	2006	Rudzinka,K.	Sanz-Serna,J.M.	1225
Reisig,W.	633	Robinson,G.L.	2851	Ruffhead,A.	Sapper,G.R.	2530
Reisman,D.D.	286	Robinson,I.J.	2850	Ruggiero,W.	Sa-da,N.L.	1093
Reisman,S.	1688	Robinson,J.P.	979	Ruhe,A.	Sargent,M.A.	1432
Reiss,S.	366	Robson,J.M.	461 1488	Ruhl,U.	Sarje,A.K.	386
Reiss,S.P.	476 2092	Rocca,S.Ronchi della. 360		Rump,S.M.	Sarma,P.V.L.N.	2184
Reitan,R.C.	3502	Roddeck,W.	564	Ruohonen,K.	Sarna,D.E.Y.	1772
Reiter,R.	1566 1817	Roder,U.	1082	Rupert,S.J.	Sarwate,D.P.	1586
Reklaitis,G.V.	2184	Rodman,T.C.	1134	Rushby,N.	Sasaki,A.T.	1678
Remmen,F.	1369	Rodriguez,F.	894	Rushby,N.J.	Sathyamoorthy,M.	1729
Remy,J.L.	764	Rodriguez-Rosell,J. 1023		Rushforth,C.K. . . . .	... . . . .	1730
Renault,J.P.	1905	Roemer,P.B.	1437	Ruskey,F.	Sato,F.	3464
Reno,J.D.	2965	Roestel,T.	2494	Russell,D.L.	Satorius,E.H.	487
Rentrop,P.	3116	Roets,P.P.	97	Russell,R.D.	Saucier,G.	215
Renyi,I.	2408	Roever,W.P.de.	1182	Rust,B.W.	Sauer,C.H.	1044
Restey,S.	3616	Rogers,R.B.	67 665	Ruston,H.	Sauter,K.	581
Restivo,A.	1496	Rogers,W.L.	3616	Rutledge,B.3299 3301 3302	Savage,C.	2721
Rettelbusch,L.	2672	Rohde,F.W.	2062	Rutovitz,D.	Savir,J.	1811 2122 2394
Reuter,A.	2500	Rohlf,E.J.	1134	Rutledge,H.	Savol,A.M.	3282
Reuterswaard,C.	1883	Rohlf,S.	3501	Rux,A.	Savoysky,S.	2691
Reuveni,A.	2275	Rohrer,H.	1321	Ruz,J.J.	Sawchuk,A.A.	1205
Reynolds,J.H.	3447	Roitzsch,R.3149 3151 3159		Rybczynski,A.M.	Saxe,J.B.	2239 3115
Rhee,L.A.Van.	2974	Rokne,J.	2759	Ryer,M.J.	Saxena,C.L.	1406
Rheinboldt,W.C.	1001	Rolph,R.N.	15e8	Rytter,W.	Sayler,J.H.	170
... 1735 1843 2189		Roman,G.C.	1928	Rzevski,G.	Sayward,F.	196
Rhoades,C.E.	502	Romani,F.	637 3102	... . . . .	Sayward,F.G.173 1038 2883	
Rhode,R.D.	356	Rooms,P.L.P.	332	Sääksjärvi,M.	Sazbon,R.D.	3471
Ribbens-Pavella,M.	2341	Rooney,M.	762	Saaty,T.L.	Scacchi,W.	1779
Ricart,G.	2860	Roes,T.B.	3253	Saban,R.	Scavarda,S.	284
Riccia,G.D.	662	Rorari,M. 1701 1702 1703		Sabelfeld,V.K.	Scelza,D.A.	1079
Rice,J.R. 1535 2597 2878		Rose,C.A.	1048	Sabin,M.A.	Schaback,R.	432
					Schacht,J.M.	356

Schacter, B.	1517	Schwee, L.J.	2893	Sherman, A.H. ...	729 3142	Sitver, R.	754
Schaefer, M.	1919	Schweitzer, E.O.	1718	Shestakov, A.I.	2840	Sivak, G.	153 2143
Schäfer, J.	1441	Schwetman, H.	1865	Shibata, S.	2659	Skeel, R.D.	78 2779
Schaffer, R.E.	521	Schwing, J.	2469	Shibayama, H.	3480	Skelboe, S.	3382
Schaffert, C.	1029	Scire, G.	848 1408	Shibayama, K.	2552	Sklansky, J. 585 1514	3289
Schaller, K.	484	Scott, C.H.	2335	Shier, D.	1612	Skobtsov, Y.A.	3353
Schaming, W.B.	2141	Scott, R.	1546	Shiloach, Y.	376 708	Skordalakis, E.	167
Schank, R.G.	393 398	Scowen, R.S.	3319	.....	1837 2103	Slagle, J.R.	48
Schansman, T.T.	2280	Scoy, F.L. Van.	2384	Shimor, A.	2797	Sleator, D.D.K.D.B. .	1601
Schappert, H.	1375	Seagle, J.P.	2913	Shimura, M.	2460	Slezak, T.	2573
Schatorje, A.H.J.	767	Seah, E.	90 1529	Shinghal, R.	1520	Sloan, I.H.	956 2168
Schatz, A.H.	699	Sedmak, R.M.	2292	Shipman, D.W.	1571	Sloan, K.R.	244
Schauer, H.	251 336	Seegrist, D.W.	2234	.....	1572 1573	Sloan, L.J.	1323 2595
Schauer, R.F.	537	Seemuller, W.W. .	943 1510	Shipova, M.V.	2708	Sloboda, F.	3075
Scheid, J.F.	1919	.....	2062 2362	Shirakawa, I. .	3194 3567	Sloman, M.	2627 2688
Scher, A. ..	944 2742 2754	Segal, R.	1769	Shiva, S.G.S. 105 132 715		Slominski, L.	2799
Scherer, K.	2781	Segall, A.	225	Shneiderman, B.	2327	Slowinski, R.	1560
Schiaffino, M.	2982	Segall, Z.	2199	Shneider, M. 1206 3058 3374		Smalley, H.E.	1210
Schindler, R.A.	405	Segen, J.	3284	Shniad, H.	1219	Smeers, Y.	2209
Schinzinger, R.	1429	Segev, E.	1396 2329	Shoch, J.F.	218 3226	Smid, M.E.	353
Schlegel, C.T.	1656	Sequin, E.L.	2309	Sholl, H.A.	2389	Smirnov, V.A.	2662
Schlörer, J.	1471	Sehan, A.	3140	Shook, C.A.	1753	Smith, C.	3222
Schmeiser, R.W.	3426	Seidel, H.	2208	Shooman, M.L.	519	Smith, C.B.	55
Schmid, B.	333	Seiferas, J.	1874	Shopiro, J.E.	500	Smith, C.J.	2001
Schmid, H.J.	2431	Seifert, D.J.	2544	Short, E.	427	Smith, C.L.	250
Schmidt, C.E.	1195	Seking, A.	1969	Short, H.G.	2237	Smith, D.E.	2235
Schmidt, D.C.	918	Selden, J.	1940	Shortliffe, E.H. 864 1449		Smith, D.L.	1454
Schmidt, E.M.	644	Selfridge, J.L. .	679 2790	Shortt, J.	1868	Smith, D.R.	2122
Schmidt, G.	774	Selfridge, T.A.	3484	Shostak, R.	1593	Smith, E.	587
Schmitz, P.	3163 3164	Selkow, S.M.	3347	Shostak, R.E. .	1036 2889	Smith, E.G.	3568
Schneider, B.	3498	Selman, A.L.	374	Shoults, R.R.	1428	Smith, G.C.	2970
Schneider, C. ..	2956 3083	Semenov, V.N.	1065	Shrobe, H.E. ...	1192 1304	Smith, H.V.	421
Schneider, H.J. .	839 873	Semmlow, J.L. .	289 2961	Shu, F.	1697	Smith, J.E. .	31 385 2205
.....	2007 3150	Sengupta, A.	969	Shukuryan, S.K.	2387	Smith, J.M.	157
Schneider, K.S.	1404	Sequin, C.H.	1316	Shunta, J.P.	1112	Smith, K.C.	588
Schneider, M.	3072	Serbin, S.M.	2435	Sibert, J.L.	2649	Smith, P.D.	2822
Schneider, M.L.	1625	.....	2795 3063	Sibley, E.H.	733	Smith, P.J.	3270
Schneider, W.	2654	Serra, A.	2981	Sidi, A.	2761 2787	Smith, P.R.	3258 3259
Schneidewind, N.F. .	1921	Sesek, E.J.	551	Siegel, H.J.	903 1210	Smith, P.W.	3256 3257
Schnorr, C.P.	1179	Sesselmann, R.	1081	.....	1337 1956 3212	Smith, R.	1744 3365
Schoenefeld, R.	824	Sethi, I.K.	1852	Siegel, J.H.	586	Smith, R.A.	3616
Schoenfelder, N.	3148	Sethi, R.	624 2094	Siegel, L.J.	1210	Smith, R.C.	3363
Schoitsche, E.	2489	Sevcik, K.	442	Sieveking, M.	2381	Smith, S.D.	1337
Scholbrock, S.D.	2363	Seward, T.C.	2903	Sieworek, D.P.	3224	Smith, S.P.	2349
Scholten, C.S.	3135	Seward, W.D.	1884	Siffre, G.	2681	Smith, V.J.	3603
Schoenfelder, J.L.	730	Seydel, R.	123	Sigal, C.E.	265	Smith, W.E.	956 2168
Schönhage, A.	3350	Seymour, W.	3324	Sigala, M.	33	Smith, W.M.	1127
Schopper, W.	1738	Sgallari, F.	3105	Sigmon, T.M.	2294	Smyth, R.L.	330
Schrager, R.I.	1542	Shadagopappan, A.	2961	Signoret, J.P. .	2733 2948	Snaar, B.	3256
Schreiber, R.	3073	Shaffer, W.A.	1690	Sihombing, T.M.	3140	Snijders, J.J.	829
Schreyer, W.M. .	1309 2283	Shah, P.C.	1422	Sikora, J.	3580	Snoeys, R.	563
Schriver, J.A.	1744	Shamir, A.	18 118	Sikorski, K.	2469	Snow, D.	1781
Schrock, B.L.	1825	Shampine, L.F. .	414 2232	Silberschatz, A. .	702 755	Snyder, A.	760
Schroeder, D.D.	3570	.....	2832	Silva-Filho, Y.V.	701	Snyder, L.	2111
Schroeder, R.	2939	Shang, J.S.	3509	Silver, A.N.	1851	Snyder, W.E.	2134
Schroeppel, R.	1826	Shanks, D.	84	Silverman, B.W.	2250	So, K.	1562
Schrott, G.	753	Shanno, D.F.	1549	Silverman, J.	1599	Sobol', I.M.	457
Schruben, L.W.	1155	Shannon, P.	266	Silverman, R.W.	1705	Socha, J.	3549
Schubert, C.	602	Shapiro, B. .	582 585 587	Simon, J.C.	669	Socolovsky, V.Z.	469
Schuessler, H.W.	3044	Shapiro, L.G. .	1521 2123	Simoncini, L.	2290	Soisalon-Soininen, E. 12	
Schuler, A.	567	Shapiro, S.D.	777	Simovici, D.A.	362	Sokol, R.J.	805
Schülke, G.	2975	Sharp, P.H.	3603	Simpson, B.	2310	Sokol, Y.	1024
Schultz, J.R.	1451	Sharples, G.	3184	Simpson, D.	1016 3232	Sokolowski, S.	891
Schultz, M.	585 587	Shattuck, S.H.	3430	Simpson, H.R.	172	Sol, H.G.	2928
Schulz, A.	1291 3171	Shaub, J.S.	2233	Simutis, Z.M.	569	Solberg, J.J.	265
Schulzendorff, B. .	1840	Shaw, D.E.	2477	Sin, L. I.	901	Solms, S.H. von.	107
Schumacher, R.	2975	Shcherbakov, Y.V.	3403	Sincic, D.	3554	Solomon, J.M.	2776
Schumaker, L.L.	1858	Shebalin, P.	2547	Sinclair, J.C.	3157	Solomon, M.H.	716
Schuster, P.	1177	Shedletsky, J.J.	1187	Sindhu, P.S.	1079	.....	1856 1953
Schutten, R.W.	1511	Sheedy, C.R.	1160	Singer, A.	3324	Solomonides, C.M.	549
Schutzer, D.	2036	Sheehan, J.S.	2000	Singer, W.	2568	Somand, M.E.	1448
Schwabe, D.	1938	Shelman, C.B.	2363	Singh, A.	3056	Somma, R.	2991
Schwartz, M.	1057	Shepherdson, J.C.	375	Sinha, N.K.	1708	Sommerville, J.F.	532
Schwartz, R.L. .	1006 1021	Sheppard, L.C.	1445	Sinha, P.S.	2563	Sondergaard, T.	114
Schwarz, P.	2697	Sheppard, S.B. .	197 1899	Sinha, R.M.K.	1516	Sondheimer, N.K.	1898
Schwarzmeier, J.L. .	3427	.....	2543 3451	Sipser, M.	1508 1797	Sonntag, B.	1738

Sontacchi, G.	2710	Stewart, W.E. ..	1402 1403	Szwarcfiter, J.L. ...	1499	Theodoridis, S.	3129
Soochar, C.	2021	Stiffler, J.J.	2067	Szygenda, S.A.	389	Thevenod-Fosse, P. ..	2120
Sorensen, D.C.	957	Stillman, R.H. .	1431 1432	Szyferski, N. ..	1696 2925	Thiele, R.	654 655
Sorensen, J.P. .	1402 1403	Stocker, F.R.	1354			Thomas, D.	558
Sorenson, L.	253	Stöckle, D.	2256	Tabak, D.	1423	Thomas, D.E.	1335
Sorgen, A.	114	Stockman, G.C. .	45 2646	Tada, T.	3483	Thomas, G.	1418
Sosnowski, J.	2119	Stockmeyer, L.J.	2111	Tadeusiewicz, R.	2958	Thomas, J.M.	596
South, R.L.	2656	Stockmeyer, P.K.	1588	Tagesen, S.	2657	Thomas, J.R.E.	557
Spach, M.S. 1740 1741 1742		Stoffel, C.	1058	Tagg, E.D.	3259	Thomas, L.K.	2859
Spangler, K.	2054	Stoffers, K.E.	3036	Taglia, A.Del.	315	Thomas, L.J.	1444
Spaniol, O.	1052	Stokes, A.N.	1595	Tai, A.	1088	Thomas, R.E.	1961 3206
Spann, J.M.	1091	Stolfo, S.J.	931	Tai, K.C.	626 3346	Thomas, R.J.	1686
Sparley, S.R.	286	Stone, A.H.	8	Tajima, H.	347	Thomasian, A.	1332
Specht, J.	2716	Stone, R.G.	112	Tajima, M.	347	Thomasian, A.G.	1706
Speckhart, F.H.	1689	Stonebraker, M..	2216 2478	Takagi, K.	1354	Thomee, V.	690 958
Speelpenning, B.	912	Storer, J.A.	2719	Takahashi, H.	1417	Thomen, D.S.	2228
Spence, A.	3066	Storoy, S.	1234	Takashi, H.	2457 2659	Thompson, B.G.J.	2942
Spencer, A.E.	247	Storr, P.A.	2048	Takanami, I.	907 2722	Thompson, J.	490
Spenner, B.F.	1444	Stotz, R.	2037 2039	Takano, S.	3483	Thompson, K.	2
Speranskiy, D.V.	3353	Stoughton, A.	1926	Takasugi, S.	2960	Thompson, W.B.	2407
Speriosu, V.	3499	Stoyan, Y.G.	469	Takeya, K.	3489	Thomsen, P.G.	434 445
Spillman, R.J.	2391	Strasbourg, E.	2199	Talavaga, J.	3122	Thron, W.J.	1830
Spircu, L.	100	Strassen, V.	2388	Talpalaru, R.	2492	Thys, A.	2562
Spitta, T.	2909	Strintzis, M.G.	2196	Tameda, M.	3485	Tiberghien, J.	337
Splettstößer, W.	1411	Strulak, M.	1109	Tamesada, T.	1805	Tibo, R.	562
Spragins, J.D.	1984	Stübel, G.	2007	Tamir, M.	1281	Tien, C.	1754
Sprague, R.H.	2326	Stuchly, S.S.	1139	Tamm, B.G.	2810	Tillman, H.	1380
Sprecher, J.W.	2338	Stuckenberg, H.J. .	2678	Tanaka, K.	1716	Tilove, R.B.	3132
Sprekels, J.	680	Stucki, P.	3240	Tang, A.	886 2094	Tindell, R.	884
Spriet, J.	139	Stucky, W.	3413	Tang, D.A.	2134	Tinius, K.S.	3188
Springsteel, F.N.	391	Studnitz, P.von.	2208	Tang, H.Y.	3417	Tits, M.van.	3418
Spronsen, C.J.van.	343	Stuebel, G.	3150	Taniguchi, T.	2679	Todd, B.H.	2051
Sreenivas, T.V.	2809	Sturgeon, M.L.	1128	Tanimoto, S.L.	244	Toffoli, T.	2113
Srmani, P.K.	969	Stute, G.	2614	Tanner, C.E.	1136	Tohma, Y.	28
Srinivasan, B....	974 3126	Su, S.Y.H. 1189 1957 2117		Tanthapanichakoon, W.	2333	Toillion, D.	3299
Srodawa, R.J.	1960	Suarez, L.	1105	Tapia, M.A.	2392	Toint, P.L.	433 458
Stabrowski, M.	3580	Subrahmanyam, V.	3578	Tapper, R.J.	3603	Tojoo, A.	348
Stadler, G.	350	Subramanian, R.K.	496	Tapscott, D.	3540	Tolopa, S.	1865
Staffanson, F.L.	1934	Suenaga, Y.	463	Tarjan, R.E.	138 468	Tomita, S.	2552
Stahl, F.A.	3	Sugie, M.	1318	... 2727 3334 3344 3406		Tomljanovich, M.	573
Stahlknecht, P.	1473	Sugihara, K.	59	Tarnai, T.	1117	Tonik, A.B.	1971
Stallman, R.M.	1270	Suk, D.S.	1973 2306	Tarnlund, S.A.	392	Tornallyay, A.	750
Stamper, R.	2920	Sullivan, D.R. ..	320 2415	Tauber, M.J.	3258	Torre, E.D.	1435
Stanley, W.E.	297	Sullivan, D.T.	1325	Tavangarian, D.	1264	Tortora, L.	2674
Stanten, S.F.	3237	Sullivan, J.	3423	Tavernier, K.R.	2511	Tosser, A.	1503
Stapinski, T.E.	1463	Sun, T.C.	415	Taylor, D.P.	3187	Toth, P.	1231
Staples, J. 1483 1802 2108		Sund, S.	737	Taylor, F.	876	Tou, J.T.	2405
Starius, G.	3377	Sunshine, C.A. ..	813 2899	Taylor, G.D.	148	Toulotte, J.M. ..	630 1133
Statman, R. .	627 647 1509	Süsse, H.	2428	Taylor, G.Q.	1233	Tournier, M.	287
Stattel, R.J.	3458	Sussman, G.J.	3156	Taylor, H.F.	3478	Touroute, E.	2565
Steel, J.	1468	Sutherland, G.G.	184	Taylor, J.M.	67	Toussaint, G.T.	1520
Steele, G.L.	3156	Sutphen, S.F.	1959	Taylor, N.B.	1640	Townsend, M.	1327
Steels, L.	3043	Sutton, J.C.	2395	Taylor, R.N.	2244	Towsley, D.	1592
Stefanon, M.	3606	Sutton, S.A.	784 1669	Taylor, R.T.	3466	Tozer, B.R.	3320
Steffey, R.E.	2703	Suwa, I.	1982	Tazawa, S.	455	Tracy, F.T.	2838
Steiger, D.	604	Suzuki, K.	1716 1721	Techo, R.	3318	Traczyk, W. 921 2886	2887
Stein, J.	751	Suzuki, N.	649	Teer, F.	401	Tradowsky, K.	2692
Stein, S.Z.	3237	Suzuki, Y.	579 2664	Telefont, H.	2566	Tranito, G.	2524
Steinberg, S.	2034	Svensson, P.	747 2827	Templer, M.	691	Trammel, H.E.	355
Steinmuller, W.	329	Sventek, J.S.	3174	Templeton, J.	155	Trang, Q.H.	2901
Stenger, F.	2469	Svoboda, J.V.	1439	Tenenbaum, J.M.	3059	Traub, A.C.	2935
Stenmark, E.B.	3598	Swanson, L.W.	1351	Tennant, H.	2347 2348	Traub, J.F.	1481
Stenning, N.V.	817	Swaroop, R.	2526	Teorey, T.J.	2812	Trenev, A.M.	2548
Stens, R.L.	1405	Swartz, B.	2764 2765	Teplick, R.	1450	Trepat, A.	2450
Stepanov, S.N.	2801	Swartz, G.B.	815	Teramoto, M.	571	Tretter, M.J.	2775
Stephanopoulos, G.	1701	Swartzlander, B.E.	1050	Terry, W.E.	1076	Triance, J.M.	2852
..... 1702 1703		 2024 3203		Tesch, R.C.	3493	 2856	3319
Stephenson, C.J.	2459	Swartzrauber, P.N.	429	Tesink, K.	793	Triendl, E.E.	3309
Stepien, C.	2813	Swearingen, D.R.	2545	Teskey, F.N.	1120	Tripadi, A.R.	1931
Stepleman, R.S.	94	Swieten, A.C.M.van.	477	Teunissen, P. ..	1652 2507	Trivedi, K.S.	2294
Stepl, R.	1982	Swindell, W.	1089	Tewarson, R.P.	2437	Troesch, A.	1750
Stetter, H.J.	460	Sykes, J.M.	3319	Thacker, J.	2604	Troesch, B.A.	697
Steuerwalt, M.	2231	Symm, H.J.	3084 3139	Thatte, S.M.	2297 3220	Tront, J.G.	227
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LIST OF PERIODICALS ABSTRACTED

Many hundreds of periodicals are regularly scanned but this list comprises only those from which material was abstracted in 1980. The primary purpose of the list is to facilitate identification of the sources of the abstracts. The titles are therefore listed alphabetically according to the form used in the abstracts; where the form is an abbreviation, it is followed by the full title. The addresses given are those from which copies of the periodicals may be obtained.

ACM Trans. Database Systems. (ACM Transactions on Database Systems). Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, U.S.A.

ACM Trans. Math. Software. (ACM Transactions on Mathematical Software). Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, U.S.A.

Acta Electronica. 3, avenue Descartes, 94450 Limeil Brévannes, France.

Acta Technica Academiae Scientiarum Hungaricae. "Kultura" Foreign Trade Co., H-1389 Budapest 62, P.O.Box 149, Hungary.

AIAA Journal. American Institute of Aeronautics and Astronautics, Inc., 1290 Avenue of the Americas, New York, NY 10019, U.S.A.

AIChE Journal. American Institute of Chemical Engineers, 345 East 47 St., New York, NY 10017, U.S.A.

ALIC Bulletin. Dr J.L.Dawson, Literary and Linguistic Computing Centre, Sidgwick Site, Cambridge, CB3 9DA.

ALIC Journal. Dr J.L.Dawson, Literary and Linguistic Computing Centre, Sidgwick Site, Cambridge, CB3 9DA.

Analytical Chemistry. American Chemical Society, 20th and Northampton Streets, Easton, PA 18042, U.S.A.

Angewandte Informatik. Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, 6200 Wiesbaden, Faulbrunnenstrasse 13, Germany.

Applied Optics. American Institute of Physics, 335 East 45 Street, New York, NY 10017, U.S.A.

Archiwum Automatyki i Telemekhaniki. Foreign Trade Enterprise Ars Polona-Ruch, 00-068 Warszawa, 7 Krakowskie Przedmiescie, P.O. Box 1001, Poland.

Artificial Intelligence. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Australian Computer J. (The Australian Computer Journal). Australian Computer Society Inc., P.O. Box 640, Crows Nest, NSW 2065, Australia.

Automatika. P.P. 123, 4100 Zagreb, Yugoslavia.

Automatika i Telemekhanika. Akademiya Nauk SSSR, Moscow, USSR.

Bell System Technical J. (The Bell System Technical Journal). Bell Laboratories Circulation Group, Whippany Road, Whippany, NJ 07981, U.S.A.

BIT. Data A/S, Kronprinsengade 14, DK-1114 Copenhagen K, Denmark.

Canadian J. Chem. Engng. (The Canadian Journal of Chemical Engineering). The Canadian Society for Chemical Engineering, 151 Slater St., Ottawa, Ontario K1P 5H3, Canada.

Chem. Engng. Science. (Chemical Engineering Science). Pergamon Press, Headington Hill Hall, Oxford, OX3 0BW (or, in North America, Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A.).

Commun. ACM. (Communications of the ACM). Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, U.S.A.

Computer-Aided Design. IPC Business Press (Sales & Distribution) Ltd., Oakfield House, Perry Mount Road, Haywards Heath, Sussex, RH16 3DH.

Computer Bulletin. Heyden & Son Ltd., Spectrum House, Hillview Gardens, London, NW4 2JQ.

Computer J. (The Computer Journal). Heyden & Son Ltd., Spectrum House, Hillview Gardens, London, NW4 2JQ.

Computer Networks. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Computers & Biomedical Research. Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, U.S.A.

Computers in Industry. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Computing. Springer-Verlag, Molkerbastei 5, P.O. Box 367, A-1011 Wien, Austria (or, in North America, Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, U.S.A.).

Computing Surveys. Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, U.S.A.

Digital Processes. Georgi Publishing Company, CH 1813 St. Saphorin, Switzerland.

Economic Computation & Economic Cybernetics Studies & Research. ILEXIM, Departamentul Export-Import presa, str. 13 Decembrie nr. 3, P.O. Box 136-137, Bucuresti, Romania.

Elektronische Rechenanlagen. R.Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 8000 München, Germany.

Engineering Cybernetics. Scripta Publishing Corporation, 7961 Eastern Avenue, Silver Spring, MD 20910, U.S.A.

Euromicro J. (Euromicro Journal). North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

IEEE J. ... (IEEE Journal of ...)

- Quantum Electronics.
- Solid-State Circuits.

IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854, U.S.A.

IEEE Trans. ... (IEEE Transactions on ...)

- Acoustics, Speech & Signal Processing.
- Aerospace & Electronic Systems.
- Automatic Control.
- Circuits & Systems.
- Communications.
- Components, Hybrids & Manufacturing Technology.
- Computers.
- Education.
- Electron Devices.
- Geoscience Electronics.
- Industrial Electronics & Control Instrumentation.
- Industry Applications.
- Information Theory.
- Instrumentation & Measurement.
- Magnetics.
- Microwave Theory & Techniques.
- Nuclear Science.
- Pattern Analysis & Machine Intelligence.
- Power Apparatus & Systems.
- Professional Communication.
- Reliability.
- Software Engineering.
- Sonics & Ultrasonics.
- Systems, Man & Cybernetics.
- Vehicular Technology.

IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854, U.S.A.

Information & Control. Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, U.S.A.

Information & Management. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Information Processing Letters. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Instruments & Experimental Techniques. Plenum Publishing Corporation, 227 West 17 Street, New York, NY 10011, U.S.A.

Int. Chem. Engng. (International Chemical Engineering). American Institute of Chemical Engineers, 345 East 47

Street, New York, NY 10017, U.S.A.

Int. J. Computer & Information Sciences. (International Journal of Computer & Information Sciences). Plenum Publishing Corporation, 227 West 17 Street, New York, NY 10011, U.S.A.

Int. J. Heat & Mass Transfer. (International Journal of Heat and Mass Transfer). Pergamon Press, Headington Hill Hall, Oxford, OX3 0BW (or, in North America, Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A.).

Int. J. Man-Machine Studies. (International Journal of Man-Machine Studies). Academic Press Ltd., 24-28 Oval Road, London, NW1 7DX (or, in North, Central and South America, 111 Fifth Avenue, New York, NY 10003, U.S.A.).

ISA Trans. (ISA Transactions). Instrument Society of America, 67 Alexander Drive, Research Triangle Park, NC 27709, U.S.A.

J. Aircraft. (Journal of Aircraft). American Institute of Aeronautics & Astronautics Inc., 1290 Avenue of the Americas, New York, NY 10019, U.S.A.

J. Assn. Computing Mch. (Journal of the Association for Computing Machinery). Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, U.S.A.

J. Design Automation & Fault-Tolerant Computing. (Journal of Design Automation & Fault-Tolerant Computing). Computer Science Press Inc., 9125 Fall River Lane, Potomac, MD 20854, U.S.A.

J. Chinese Inst. Engrs. (Journal of the Chinese Institute of Engineers). Chinese Institute of Engineers, No.1, 4th Fl., 2nd Sec., Jen-Ai Road, Taipei, Taiwan, Republic of China.

J. Computer & System Sciences. (Journal of Computer and System Sciences). Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, U.S.A.

J. Educational Technology Systems. (Journal of Educational Technology Systems). Baywood Publishing Co., Inc., 120 Marine St., P.O. Box D, Farmingdale, NY 11735, U.S.A.

J. Franklin Inst. (Journal of the Franklin Institute). Pergamon Press, Headington Hill Hall, Oxford, OX3 0BW (or, in North America, Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A.).

J. Nat. Chiao Tung University. (The Journal of National Chiao Tung University). *Ceased publication July, 1980.* Publication Office, College of Engineering, National Chiao Tung University, 45 Po Ai Street, Hsinchu 300, Taiwan, Republic of China.

J. Operational Res. Soc. (Journal of the Operational Research Society). Pergamon Press, Headington Hill Hall, Oxford, OX3 0BW (or, in North America, Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A.).

J. Petroleum Technology. (Journal of Petroleum Technology). Society of Petroleum Engineers of AIME, 6200 N. Central Expwy., Dallas, TX 75206, U.S.A.

Maths. of Computation. (Mathematics of Computation). American Mathematical Society, P.O. Box 1571, Annex Station, Providence, RI 02901, U.S.A.

Maths. & Computers in Simulation. (Mathematics and Computers in Simulation). North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Mining Engineering. Society of Mining Engineers of AIME, Caller No. D, Littleton, CO 80127, U.S.A.

Nuclear Instruments & Methods. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Nuclear Science & Engng. (Nuclear Science and Engineering). American Nuclear Society, 555 N. Kensington Avenue, La Grange Park, Illinois 60525, U.S.A.

Numerische Mathematik. Springer-Verlag, Heidelberg Platz 3, D-1000 Berlin 33, Germany (or, in North America, Springer-Verlag New York Inc., 44 Hartz Way,

Secaucus, NJ 07094, U.S.A.).

Operations Research. Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, U.S.A.

Proc. IEEE. (Proceedings of the IEEE). IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854, U.S.A.

Proc. Instn. Civil Engrs. (Proceedings of the Institution of Civil Engineers). The Institution of Civil Engineers, 1-7 Great George Street, London, SW1P 3AA.

Proc. Instn. Elec. Engrs. (Proceedings of the Institution of Electrical Engineers). Publication Sales Department, IEE, Station House, Nightingale Road, Hitchin, Herts, SG5 1RJ.

Proc. Instn. Mechanical Engrs. (Proceedings of the Institution of Mechanical Engineers). The Institution of Mechanical Engineers, P.O. Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk, IP32 6BW.

Programmed Learning & Educational Technology. Kogan Page Ltd., 120 Pentonville Road, London, N1 9JN.

Programming & Computer Software. Plenum Publishing Corporation, 227 West 17 Street, New York, NY 10011, U.S.A.

Quaestiones Informaticae. Department of Computer Science, Rhodes University, P.O. Box 94, Grahamstown 6140, South Africa.

Regelstechnik. R. Oldenbourg Verlag GmbH, 8000 München 80, Rosenheimer Strasse 145, Germany.

Scientia Electrica. Birkhauser Verlag, CH-4010 Basel, Switzerland.

SIAM J. Computing. (SIAM Journal on Computing). Business Manager, SIAM Publications, 1405 Architects Building, 117 South 17 Street, Philadelphia, PA 19103, U.S.A.

SIAM J. Numerical Analysis. (SIAM Journal on Numerical Analysis). Business Manager, SIAM Publications, 1405 Architects Building, 117 South 17 Street, Philadelphia, PA 19103, U.S.A.

Signal Processing. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Simulation. The Society for Computer Simulation, P.O. Box 2228, La Jolla, CA 92038, U.S.A.

Tappi. Technical Association of the Pulp and Paper Industry, 1 Dunwoody Park, Atlanta, Georgia 30338, U.S.A.

Theoretical Computer Science. North-Holland Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Traffic Engng. & Control. (Traffic Engineering and Control). TEC Subscription Department, 25 Crown Street, Kettering, Northamptonshire, NN16 8QU.

Trans. ASME - J. Appl. Mechanics. (Transactions of the ASME - Journal of Applied Mechanics). American Society of Mechanical Engineers, 345 East 47 Street, New York, NY 10017, U.S.A.

Trans. ASME - J. Engng. for Industry. (Transactions of the ASME - Journal of Engineering for Industry). American Society of Mechanical Engineers, 345 East 47 Street, New York, NY 10017, U.S.A.

Trans. ASME - J. Engng. for Power. (Transactions of the ASME - Journal of Engineering for Power). American Society of Mechanical Engineers, 345 East 47 Street, New York, NY 10017, U.S.A.

Trans. ASME - J. Heat Transfer. (Transactions of the ASME - Journal of Heat Transfer). American Society of Mechanical Engineers, 345 East 47 Street, New York, NY 10017, U.S.A.

Trans. Instn. Chem. Engrs. (The Transactions of the Institution of Chemical Engineers). The Institution of Chemical Engineers, George E. Davis Building, 165-171 Railway Terrace, Rugby, CV21 3HQ.

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